



GEOLOGICAL FIELD SERVICES, INC.

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ASTM PHASE I – ENVIRONMENTAL SITE ASSESSMENT

**93-105 South Main Street
Middleton, MA 01949**

**Submitted to:
Langdon Environmental, LLC
2 Summer Street
Natick, MA 01760**

**Prepared by:
Geological Field Services, Inc.
14 Hubon Street
Salem, MA 01970**

January 28, 2019

January 23, 2019

Mr. Bruce Haskell
Langdon Environmental, LLC
2 Summer Street
Natick, MA 01760

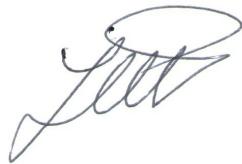
RE: 93-105 South Main Street
Middleton, Massachusetts 01949

Dear Mr. Haskell:

Attached is an electronic copy of the ASTM Phase I– Environmental Site Assessment prepared for the above referenced property. The Property located at 93-105 South Main Street in Middleton has been evaluated for the presence of “recognized environmental conditions” in accordance with the general processes of the ASTM E1527-13 Standard Practice for Environmental Site Assessments. The Property history was reviewed and three “recognized environmental conditions” (RECs) and one “historic” REC were identified including: a closed floor drain in the Maintenance Building, a public well that had detections of volatile organic compounds in the 1990’s and a former underground storage tank. An ASTM Phase II is recommended to further investigate of these RECs. The “historic” REC is a 1992 hydraulic oil spill that was remediated. No further actions are recommended for this “historic” REC.

Please contact me with any questions.

Sincerely,
GEOLOGICAL FIELD SERVICES, INC.



Luke Fabbri
President, LSP

Report Prepared by:



Patricia M. Donahue
Environmental Professional

**93 – 105 South Main Street
Middleton, Massachusetts 01949**

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EXECUTIVE SUMMARY

The Property located at 93-105 South Main Street in Middleton, Massachusetts has been evaluated for the presence of “*recognized environmental conditions*” in accordance with the general processes of the ASTM E1527-13 Standard Practice for Environmental Site Assessments. The Property history was reviewed and three “recognized environmental conditions” (RECs) and one “historic” REC were identified including: a closed floor drain in the Maintenance Building, a public well that had detections of volatile organic compounds in the 1990’s and a former underground storage tank. An ASTM Phase II is recommended to further investigate of these RECs. The “historic” REC is a 1992 hydraulic oil spill that was remediated. No further actions are recommended for this “historic” REC.

The Property consists of two lots comprising a rectangular 51.56-acre parcel that has been used as an 18-hole golf course since 1966. A residential building was on lot #93 until 2013 when it was demolished. The Property is improved with two buildings, a Clubhouse and a Maintenance Building constructed c. 1965-1966.

Aerial photographs were available for several years between 1938 and 2016. The Property appears to have been farmland and open space from 1938 to the construction of the golf course in 1965-1966. A farmhouse and barn were located in the northeast quadrant of the Property. The barn reportedly burned down about 40 years ago and the house was demolished in 2013. Topographic maps show a stream along the western property boundary prior to construction of the golf course. The golf course has eight ponds incorporated into the design, all of which appear to be man-made.

Electrical and telecommunications are below ground from South Main Street. The buildings are serviced with a non-community public drinking water well and private on-site wastewater disposal.

There is one EDR listing for the Property. A hydraulic oil spill from a truck occurred along South Main Street in 1992. Approximately 10-15 gallons of oil was released to the pavement and no soil was impacted. No other listings are within ¼ mile of the Property.

The Middleton Inspectional Services Department had a demolition permit for #93 Main Street dated 2013 and a building permit for the golf course dated 1965. The Health Department had plans for the septic system dated 1965 and a replacement in 1988. The Office of Fire Prevention had a record of an above ground storage tank (AST) removal in 2004 and a 2018 record with conflicting information regarding a removal and replacement of an AST.

Each building is heated with fuel oil stored in a double wall AST. Reportedly, an underground storage tank (UST) used to store fuel oil was located on the east side of the Clubhouse. The UST was removed more than 30 years ago and replaced with an AST. Herbicides, fertilizers and pesticides are used on the golf course and stored in the garage portion of the Maintenance Building. Repair and maintenance of landscaping vehicles and equipment occurs in the Maintenance Building. Waste oil is stored in two 55-gallon drums

in a storage locker outside the building. A safety clean degreaser is present in the repair room. While oils and lawn care chemicals are used on the Property, they are properly stored and managed. There was no evidence of spills or improper disposal observed during the inspection.

“Recognized environmental conditions” as defined in ASTM E 1527 do not include *de minimis* conditions. Based on the data collected during this Phase I environmental site assessment **four** “*recognized environmental conditions*” as defined in *ASTM E 1527-13* have been identified at the Property. Three of the four *recognized environmental conditions* warrant further investigation.

1.0 INTRODUCTION

Geological Field Services, Inc. (GFS) has been retained by Langdon Environmental, LLC of Natick, Massachusetts to evaluate existing and potential environmental issues within the scope of the American Society for Testing and Materials (ASTM) E1527-13 Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process for the property located at 93-105 South Main Street, Middleton, Massachusetts (the Property). Figure 1 shows the Property locus on Google Earth and Figure 2 is a copy of the Middleton Assessors Map.

Purpose

The objectives of this Phase I Environmental Site Assessment (Phase I) were to determine the potential for a reportable release of oil and/or hazardous materials at the Property to identify, to the extent feasible, any “recognized environmental conditions” in accordance with the general processes of the American Society for Testing and Materials (ASTM) E1527-13 Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process. A “recognized environmental condition” is defined by ASTM as the presence or likely presence of any hazardous substances or petroleum products under conditions that indicate an existing release of such substances within the provisions of state and federal rules regarding hazardous substances or petroleum products.

Scope of Work

The Scope of Work for this Phase I included a file review of local, state and federal records, a site reconnaissance visit, and report preparation. This Phase I was prepared in accordance with generally accepted industry practices. The available property history information has been reviewed and the potential for generation, use, treatment, storage and disposal of oil and/or hazardous materials for current and former site operations estimated. The term hazardous materials is used in this report as defined under the U.S. Environmental Protection Agency Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) 42 U.S.C., Section 9601, and the Resource Conservation and Recovery Act 42 U.S.C., Section 6921, Subtitle C.

Assumptions, Limitations and Exceptions

GFS has performed this Phase I Environmental Site Assessment in accordance with the scope and limitations of *ASTM Standard E 1527-13, Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process*. This report was prepared with no exceptions or deletions from ASTM Standard E 1527-13.

This Phase I has been prepared to assess a parcel of real estate with respect to the contaminants within the scope of CERCLA (42 U.S.C., Section 9601). This Phase I is intended to permit the buyer to satisfy one of the requirements to qualify for the innocent landowner, contiguous property owner, or bona fide prospective purchaser limitations on CERCLA liability: that is, the practices that constitute “all appropriate inquiry into the previous ownership and uses of the Subject Property consistent with good commercial or customary practice” as defined in 42 U.S.C. 9601(35)(B).

In defining a standard of good practice for conducting an environmental site assessment

of a property, the goal is to identify *recognized environmental conditions*. The term recognized environmental conditions means the presence or likely presence of any hazardous substances or petroleum products in, on or at a property: 1) due to any release to the environment, 2) under conditions indicative of a release to the environment; or 3) under conditions that pose a material of a future release to the environment. The term does include *de minimis conditions* that generally do not present a threat to human health or the environment and that would not be the subject of a response action if reported.

The ASTM Standard E 1527-13 does not encompass environmental sample collection or analytical testing of media including but not limited to asbestos containing materials, radon, lead-based paint, drinking water quality and indoor air quality, ground water, surface water or soil/sediment unless specified in this report.

The observations described in this report were made under the conditions stated herein. The findings presented in the report were based solely upon the services described in GFS's scope of services and not on scientific tasks or procedures beyond the scope of the described services.

The information presented in this report was obtained from federal, state, and local officials, the parties herein referenced, and records maintained by government and/or local agencies. GFS did not attempt to independently verify the accuracy or completeness of all information reviewed or received during the course of this site assessment.

Unless otherwise specified in the report, GFS did not perform physical, chemical, or biological testing or analyses to determine the presence of any hazardous constituents at the site.

The objective of this assessment was to provide environmental data for the evaluation of the Property located at 93-105 South Main Street in Middleton, Massachusetts. Further investigative information, which was not available to GFS at the time of this assessment, may result in a modification of the findings stated in this report. This report has been prepared in accordance with generally accepted site assessment practices. No other warranty, expressed or implied, is made.

Special Terms and Conditions

This Phase I has been prepared at the request of Langdon Environmental, LLC in evaluating the environmental conditions of the Property. Only Langdon Environmental, LLC may rely upon this unless otherwise specified by GFS.

Data Gaps

Any data gaps identified herein, as defined by ASTM Practice E 1527-13, are not considered to significantly affect the ability to identify recognized environmental conditions that would alter the conclusions of this report.

2.0 PROPERTY DESCRIPTION

General Information

Owner: Corbeau LLC
P. O. Box 717
Middleton, MA 01949

Occupants: Golf course employees and customers

Address: 93-105 South Street
Middleton, MA 01949

Latitude: 42° 35' 13.22"
Longitude: 71° 0' 54.12"

UTM N: 334654.6
E: 4716707.5

Site Figures

Figure 1 Google Earth Map
Figure 2 Assessors Map
Figure 3 MADEP Priority Resource Map

Site Description

Assessors: The Property consists of 51.56 acres on two lots identified on Middleton Assessor's Map 29 Lot 184 (#105) and Map 29 Lot 185 (#93) as shown in Figure 2.

* See Figure 2, deed, and Assessors Property Card in Appendix A and photographs in Appendix B

Lot Size: 51.56 Acres

Lot Shape: Rectangular

Zoning: R1A – Residential

Frontage: 1047 feet along South Main Street

Access: South Main Street

Buildings: 2, Clubhouse and Maintenance garage

Building Description: The Clubhouse is a 2-story building with a gabled roof and addition to the south. The Maintenance building is 1-story with a gabled roof. Both buildings built in c. 1966.

Total Building Area: Clubhouse is 7,868 square feet
Maintenance Building is 1,680 square feet

Building Footprint: Clubhouse 3,315 square feet
Maintenance Building is 1,680 square feet

Stories: Clubhouse 2, Maintenance Building 1

Construction: The Clubhouse is a 2-story concrete block and wood frame and siding construction with a wood shingled roof. The Maintenance building is 1-story concrete block construction with an asphalt shingled roof.

Foundation: Both buildings are concrete block and concrete.

Parking Area: 40,000 sq. ft. bituminous concrete pavement

Basement: None.

*See photographs in Appendix B.

Site Utilities

Electrical and communication lines for the Property are located below ground from South Main Street. The Property has private water and wastewater disposal.

Drainage: One catch basin is located southwest of the Maintenance Building but does not appear to have an outlet.

General Description of Surrounding Land Use:

The Property is located on the west side of South Main Street, aka State Highway 114, which is a busy commercial corridor running northwest-southeast. The surrounding properties are a mix of residential (south and west) and commercial business along South Main Street. Open space and wetlands are northwest of the Property.

Estimated Number of On-Site Workers: 3-5

Estimated Residential Population within 0.5 miles: <1000

Number of Institutions within 500 feet: 0

3.0 *USER PROVIDED INFORMATION*

This Phase I did not include a title record review beyond that described in this report. Information regarding environmental liens and activity and uses limitations were obtained from Environmental Data Resources, Inc. (EDR). No environmental liens

or activity and use limitations on the Property were identified. An ASTM E1527-13 Questionnaire was completed based on a site visit, town and state records, general manager interview and the EDR report.

4.0 RECORD REVIEW

Data Resources

The file review included a review of property-specific and regional information collected from various sources and agencies including an EDR radius report with GeoCheck provided by EDR, MADEP, and other state, federal and local agencies. Local agencies included the Middleton Assessor's Office, Clerk's Office, Conservation Department, Health Department, Building/Inspection Department, and the Office of Fire Prevention. Information gathered from these agencies was evaluated along with observations made during a property walkover to assess the environmental condition of the Property.

Environmental Data Resources, Inc.

EDR provides the EDR Radius Map Report with GeoCheck, which is a summary of available federal, state, and local permits and aerial photographs. The EDR also included historical topographic maps and Town directories. Sanborn maps were not available for the Property.

The EDR Radius Map Report provides general site information regarding USTs, ASTs, RCRA generators, NPL sites, CERCLIS sites, landfills, hazardous waste sites and MADEP disposal sites. The EDR report is attached in Appendix C of this report.

Aerial photographs were available for the years 1938, 1952, 1955, 1965, 1969, 1978, 1980, 1985, 1995, 2008, 2012 and 2016. The Property appears to be agricultural in the 1938 – 1965 aerial photographs. The photographs show the southern portion of the Property was fields and the northwest portion was undeveloped. The western portion of the Property contained wetlands and a stream on the historical topographic maps in the 1940's and 1950's. Uniform plantings consistent with orchards are visible in the south central and northeast portions of the Property. Two buildings, likely the farmhouse and barn are seen in the northeast quadrant. A pond becomes visible in the central portion of the Property in 1965 although the outline is also visible in 1955 indicating it is man-made. The housing development, Brigadoon Village, to the south is beginning to be cleared in 1955 and has been constructed by 1965. The golf course is clearly seen on the 1969 photo and remains unchanged through 2016. Eight ponds are visible and appear to be man-made. The barn is gone between 1985 and 1995, which is consistent with anecdotal information that it burned down approximately 40 years ago. The house is removed between 2012 and 2016, which is consistent with the 2013 demolition permit. The parking lot and buildings have remained in their current locations since the golf course was constructed. City Directories list Peter Johnson from 1973-2010 at #93 and Middleton Golf Course from 1973-2014 at #105.

MADEP

State sources reviewed included the State Sites List for Middleton (January 14, 2019), the MADEP UST List and the Water Supply database portal. A copy of the State Sites List for Middleton is attached in Appendix D. The Property is not on the State Sites or UST list. The EDR report lists one spill at the Property which occurred along the roadway (N92-0799). A broken hydraulic oil line on a BFI truck sprayed oil approximately along 300 feet of roadway on June 25, 1992. An estimated 10-15 gallons was released. The spill was reported and cleaned up by BFI and no soil or catch basins were impacted. No further action was required by MADEP. There are no other listings within 1/4 mile of the Property.

Water quality information available from MADEP shows a detection of 1, 1-dichloroethane in 1993 (3.6 ug/l) and 1995 (.002 ug/l), although the latter result was below the reportable detection limit. Reportedly, no volatile organic chemicals (VOCs) were detected in 1994 (personal communication James Persky MADEP January 22, 2019). VOC testing for this category of water supply is not required. Information at MADEP indicates the well is a 6-inch diameter, 270 foot deep bedrock well. Water quality data from MADEP is included in Appendix D.

Middleton Assessor's Office

GFS obtained the Property field card and ownership information from the Assessor's Office and the assessor's map from the Town of Middleton GIS Web Site. The Property data is presented in Appendix A.

Middleton Clerk's Office

The Clerk's Office had no records of licenses or special permits for the Property.

Middleton Conservation Office

The Conservation Office had no records for the Property.

Middleton Health Department

The Health Department records were mainly regarding the septic systems including pumping records and replacement plans (1988). The original septic system application was dated 1965. Water quality analyses from 1987 and 1990 were also in the file. A food license is on record for the clubhouse. There were no records concerning oil or hazardous materials.

Middleton Inspectional Services Department

The Middleton Building Department had a number of permit application for the buildings including the original building application (1965), addition to clubhouse (1980), renovation of the pro-shop (1985), installation of a patio over the roof (1987), an addition to the maintenance shed (1988), septic system plan (1988), wire the irrigation pump house (1997), and demolition permit for #93 (2013). Copies of the Inspection Services records can be found in Appendix E.

Middleton Fire Department

The Middleton Fire Department's had a record of a 275 gallon AST removal in 2004 and a 2018 oil tank removal and installation. No further information was available.

5.0 PHYSICAL SETTING

Surface Water Features **No**

There are eight ponds on the Property, seven were created as part of the golf course design and one was present prior to the golf course construction.

Current Drinking Water Source Area: **Yes**

There is a public transient non-community (TNC) drinking water well (3184004-01G) between the clubhouse and garage on the southern portion of the Property. There is a 400 foot Interim Wellhead Protection Area (IWPA) around the well as shown in Figure 3.

Potential Drinking Water Source Area: **No**

Designated Non-Potential Drinking Water Source Area: **No**

High Yield Aquifer: **No**

Medium Yield Aquifer: **No**

Areas of Critical Environmental Concern: **No**

Sole Source Aquifers: **No**

Protected Open Space: **No**

Fish Habitats: **Yes**

Habitats of Species of Special Concern or Threatened or Endangered Species: **No**

Topography

Elevation above mean sea level (MSL): **~81 feet**

Property Topography: The Property topography is relatively flat with a slightly higher elevation at the southeast corner of the Property. The topography around the golf course is gently undulating.

Surrounding Topography: The surrounding topography is generally flat in all directions with a few low hills and wetlands to the north.

Drainage: One catch basin was observed southwest of the Maintenance Building. There are no engineered drainage structures. However, there are

man-made ponds incorporated into the golf course design. Water from the ponds is used for irrigation. Storm water and surface water runoff would follow the topographic grade to the north and west.

Depth to ground water: Unknown

Ground water flow direction: Unknown.

Ground water flow rate: Unknown.

Overburden: Unknown.

Depth to bedrock: Unknown.

6.0 PROPERTY HISTORY

Current Owner: Corbeau LLC
P. O. Box 717
Middleton, MA 01949

Current Use: Golf course.

Previous Uses: Historical use of the Property was determined based on aerial photographs, topographic maps and city directories contained in the EDR report.

The Property was farmland and forest on the 1938, 1952 and 1955 aerial photos with two buildings (likely a house and barn) on the #93 South Main St. lot (EDR). The Property was developed into a golf course during 1965-1966 and the golf course is clearly seen on the 1969 aerial photo (EDR). The house is removed between 2012 and 2016 with a demolition permit issued by the Town in 2013 (MID).

Data Sources

EDR = Aerial photos, topographic maps

MID = Middleton Town Records

7.0 SITE RECONNAISSANCE

On January 17, 2019, GFS conducted a site visit to verify the general description and condition of the Property and surrounding properties and to search for evidence of the current and past use and storage of oil and/or hazardous materials. Mr. Steven Tricca, the General Manager of Middleton Golf Course, facilitated the inspection. Photos collected during the site reconnaissance are attached in Appendix B.

The weather was clear, breezy and cold at about 17 degrees Fahrenheit. The Property is located on the west side of South Main Street along a primarily retail commercial corridor in Middleton. Residential properties are located to the south and west, undeveloped woods to the northwest and commercial businesses to the east.

The Property is an 18-hole, par 3 golf course that is open to the public. A large paved parking lot is at the entrance off Route 114 and leads to the Clubhouse and the Maintenance Building (Photo 39). Between the two buildings is a public well that services both buildings (Photo 4). The Clubhouse (Photos 1, 3) has a pro-shop (Photo 7), restrooms, furnace room (Photo 8) and storage room on the ground floor. The heating system is forced hot air. The building is heated with fuel oil stored in a 275-gallon AST outside the building (Photo 5). The AST is a Roth double walled tank with the feed and vent lines overhead. Reportedly, the current AST replaced two 275-gallon capacity ASTs a few years ago. The ASTs replaced a UST on the east side of the Clubhouse installed when the golf course was constructed (c. 1965-1966). The UST was reportedly removed more than 30 years ago, but there are no available records. Two propane tanks are outside, along the eastern wall of the Clubhouse and are used in the upstairs kitchen. A café, which was closed for the season, is located on the second floor of the Clubhouse (Photo 12).

The Maintenance Building contains a heated maintenance shop and an unheated garage. The maintenance shop has an area for repairs (Photos 15, 16), an office, restroom and shower room now used for storage. In the northwest corner was the storage tank for the water supply (Photo 14). In the southwest corner is a safety clean degreaser. The heating system is overhead forced hot air. In the middle of the floor was a closed floor drain (Photo 17). The equipment and tools were well organized and the concrete floor was clean with only minor staining. Landscaping equipment and tools (mowers, spreaders, tractors) are stored in the garage portion of the building. Along the southern wall of the garage is a 138-gallon AST for diesel fuel and a 275-gallon Roth brand double walled AST for fuel oil. The fuel oil AST is the same as that servicing the Clubhouse. There were also several gas cans and a drum of lubricating oil. At the rear of the garage is a chemical storage room that contains numerous 2.5-gallon containers of fungicide, fertilizer, crop oil concentrate, sunscreen concentrate, gallon paints cans and a pesticide storage locker. The chemical storage room was very well organized and clean. There was no visible evidence of spills, staining or odors.

South of the Maintenance Building is a fenced area where golf carts are stored. The golf carts are gasoline powered. Also along the eastern side of the buildings is a storage shed for golf course equipment and a ball washing machine. On the south side of the building are construction material storage (piping), a concrete and wood storage locker for 2-55 gallon drums of waste oil (Photos 33, 34) and a concrete storage locker for gas containers (Photos 35, 36). A storage trailer to the south of the building contained two utility vehicles (Photos 37, 38). In front of the storage trailer is a catch basin which appears to function as a dry well with no outlet. To the west of the Maintenance building are two dumpsters and discarded tires (Photo 40).

The on-site sanitary system is located to the north of the parking lot. Two access manholes were observed just off the paved surface (Photo 42).

The area where a house and barn were once located is cleared and vegetated with no evidence of the buildings visible. An old stone wall is present on the south side of this lot and the location of the former driveway is visible (Photo 43). To the rear (west) was an area of cut vegetation and brush.

Electrical service is below ground from South Main Street. There were no signs of oil or hazardous materials dumping or spillage at the Property.

The Standard ASTM 1527 questionnaire was completed by GFS on January 18, 2019. Relevant questions are highlighted below and the full ASTM report is attached in Appendix F.

With the exception of small quantities of household cleaners are oils and/or hazardous or potentially hazardous materials currently used or stored on the Property?

Yes

There is waste oil, gasoline, diesel fuel, fuel oil, pesticides and herbicide storage.

Is there evidence of past use or storage of hazardous materials?

Yes

There is waste oil, gasoline, diesel fuel, fuel oil, pesticides and herbicide storage.

Are there existing USTs?

No

Were there USTs removed from the Property?

Yes

UST removed from the east side of the Clubhouse.

Are there existing ASTs on the Property?

Yes

There are two 275-gallon ASTs, one in the garage and one outside the Clubhouse

Were there ASTs removed from the Property?

Yes

Two 275 gallon ASTs were removed from the clubhouse.

Are there floor drains?

Yes

There is a sealed floor drain in the Maintenance Building.

Are there hydraulic floor lifts?

No

Are there any transformers?

No

8.0 INTERVIEWS

During this Phase I the following departments were contacted and/or persons were interviewed to obtain information regarding recognized environmental conditions in connection with the property

Assessor's Office	Terese Fontaine	Property ownership
Inspectional Services	Wendy Williams	Building Permits
Health Department	Wendy Williams	Health/Complaints/ Septic/Private well
Fire Department	Robert Aldenberg	USTs/ASTs
Town Clerk	Carmelina Fiore	Licenses, Special Permits
General Manager	Steve Tricca	Current and Historical Information

9.0 PREVIOUS INVESTIGATIONS

No previous investigations of the Property were provided.

10.0 CONDITIONS OUTSIDE THE SCOPE OF ASTM PRACTICE E 1527-13

GFS did not assess any conditions outside the scope of ASTM E 1527-13 including asbestos, lead paint, radon, or lead in drinking water.

11.0 CONCLUSIONS

The Property located at 93-105 South Main Street in Middleton, Massachusetts has been evaluated for the presence of “*recognized environmental conditions*” in accordance with the general processes of the ASTM E1527-13 Standard Practice for Environmental Site Assessments. The Property history was reviewed and three RECs and one “historic” REC were identified including: a closed floor drain in the Maintenance Building, a public well that had detections of volatile organic compounds in the 1990’s and a former underground storage tank. An ASTM Phase II is recommended to further investigate of these RECs. The “historic” REC is a 1992 hydraulic oil spill that was remediated. No further actions are recommended for this “historic” REC.

The Property consists of two lots comprising a rectangular 51.56-acre parcel that has been used as an 18-hole golf course since 1966. A residential building was on lot #93 until 2013 when it was demolished. The Property is improved with two buildings, a Clubhouse and a Maintenance Building constructed c. 1965-1966.

Aerial photographs were available for several years between 1938 and 2016. The Property appears to have been farmland and open space from 1938 to the construction of the golf course in 1965-1966. A farmhouse and barn were located in the northeast quadrant of the Property. The barn reportedly burned down about 40 years ago and the house was demolished in 2013. Topographic maps show a stream along the western property boundary prior to construction of the golf course. The golf course has eight ponds incorporated into the design, all of which appear to be man-made.

Electrical and telecommunications are below ground from South Main Street. The buildings are serviced with a non-community public drinking water well and private on-site wastewater disposal.

There is one EDR listing for the Property. A hydraulic oil spill from a truck occurred along South Main Street in 1992. Approximately 10-15 gallons of oil was released to the pavement and no soil was impacted. No other listings are within $\frac{1}{4}$ mile of the Property.

The Middleton Inspectional Services Department had a demolition permit for #93 Main Street dated 2013 and a building permit for the golf course dated 1965. The Health Department had plans for the septic system dated 1965 and a replacement in 1988. The Office of Fire Prevention had a record of an AST removal in 2004 and a 2018 record with conflicting information regarding a removal and replacement of an AST.

Each building is heated with fuel oil stored in a double wall AST. Reportedly, an UST used to store fuel oil was located on the east side of the Clubhouse. The UST was removed more than 30 years ago and replaced with an AST. Herbicides, fertilizers and pesticides are used on the golf course and stored in the garage portion of the Maintenance Building. Repair and maintenance of landscaping vehicles and equipment occurs in the Maintenance Building. Waste oil is stored in two 55-gallon drums in a storage locker outside the building. A safety clean degreaser is present in the repair room. While oils and lawn care chemicals are used on the Property, they are properly stored and managed. There was no evidence of spills or improper disposal observed during the inspection.

“Recognized environmental conditions” as defined in ASTM E 1527 do not include *de minimis* conditions. Based on the data collected during this Phase I environmental site assessment **four** “*recognized environmental conditions*” as defined in *ASTM E 1527-13* have been identified at the Property. Three of the four *recognized environmental conditions* warrant further investigation.

12.0 DECLARATION OF ENVIRONMENTAL PROFESSIONAL

I declare that, to the best of my professional knowledge and belief, I meet the definition of Environmental Professional as defined in 40 CFR 312.10.

I have the specific qualifications based on education, training and experience to assess a property of the nature, history and setting of the subject property. I have developed and performed the all appropriate inquiries in conformance with the standards and practices set forth in 40 CFR 312. Any exceptions to, or deletions from, these practices are described in section 9.0 of this report.



Patricia M. Donahue
January 23, 2019

13.0 REFERENCES

ASTM Designation E 1527-13 Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process.

Town of Middleton data, refer to Section 4

EDR Radius Map Report with Geocheck, Aerial Photo Decade Package and Historical Topo Map Report; Inquiry Number 5532837, January 14, 2019.

Google Earth Image: 105 South Main Street, Middleton, MA 01949, image dated April 22, 2018, obtained: January 14, 2019.

MADEP Drinking Water Data Portal obtained January 14, 2019 from <https://eeaonline.eea.state.ma.us/Portal#!/search/drinking-water>.

MADEP. Priority Resource Map. Obtained January 14, 2019 from <http://www.arcgis.com/home/webmap/viewer.html?useExisting=1>.

MADEP State Sites List obtained January 14, 2019 from <https://eeaonline.eea.state.ma.us/portal#!/search/wastesite>.

Essex South Registry of Deeds, obtained January 21, 2019, <http://salemdeeds.com/salemdeeds/DefaultSearch2.aspx>.

FIGURES

Middleton Golf Course

105 South Main St.

Legend

-  Fuller Meadow School
-  Julie's Advanced Skin Care Day
-  Middleton Golf Course
-  Middleton Golf Course
-  Solbean Cafe

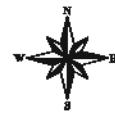
 Middleton Golf Course

Google Earth

© 2018 Google

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1000 ft



105 S. Main St.

Middleton, MA

1 inch = 537 Feet

January 15, 2019

0 537 1075 1613

CAI Technologies

www.cai-tech.com



PWater	Tract Line		Chapter 61, 61A and 61B Land		IWPAs
Private Road	Property Hook		A		
Property Line	RoadNotPar		AE		
Public Road	WaterLines		X		

Data shown on this map is provided for planning and informational purposes only. The municipality and CAI Technologies are not responsible for any use for other purposes or misuse or misrepresentation of this map.

MassDEP - Bureau of Waste Site Cleanup

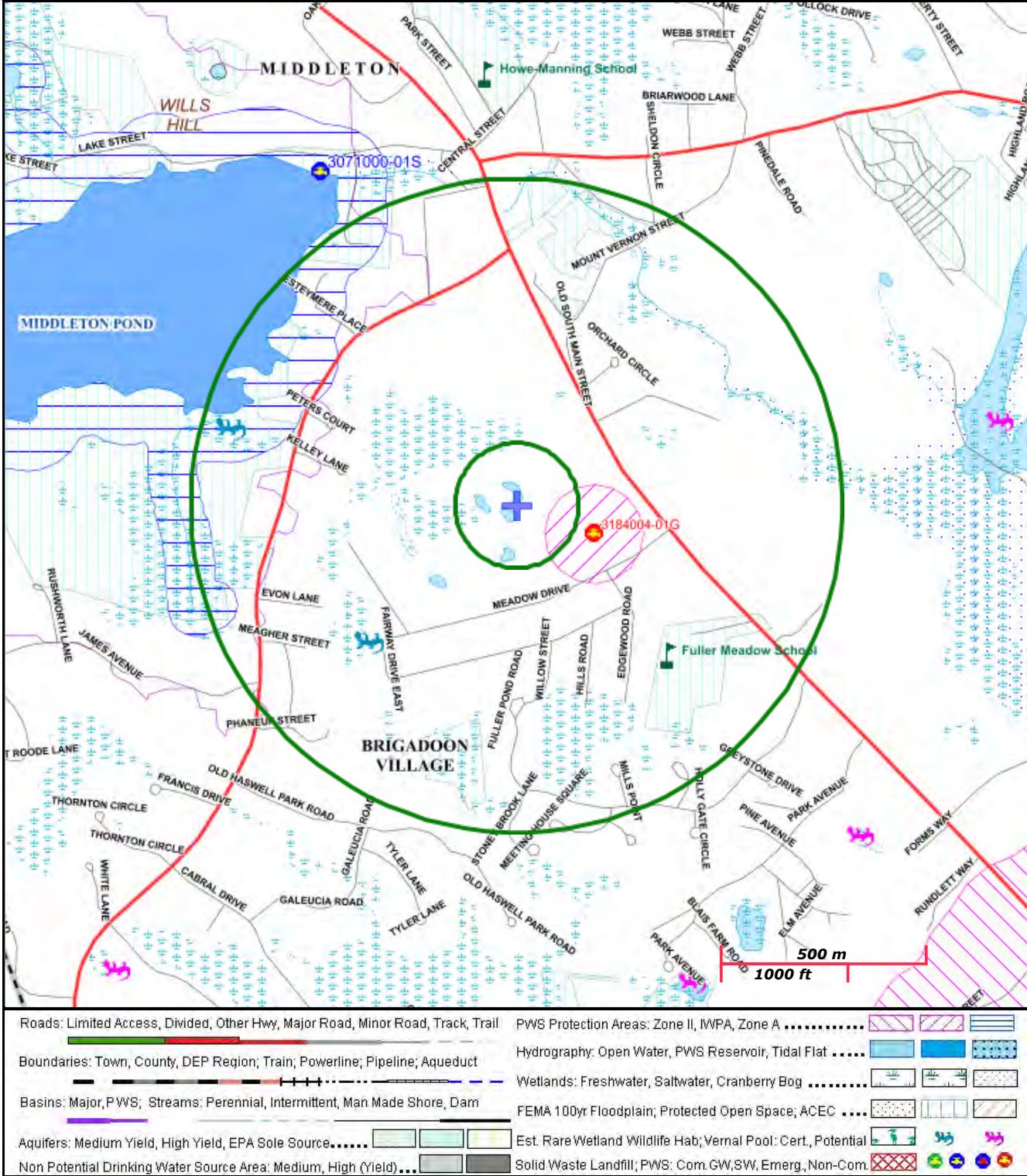
Site Information: 93-105 SOUTH MAIN STREET MIDDLETON, MA
Phase: NAD83 UTM Meters: 4716954mN, 334708mE (Zone: 19)
January 14, 2019

Phase 1 Site Assessment Map: 500 feet & 0.5 Mile Radii

The information shown is the best available at the date of printing. However, it may be incomplete. The responsible party and LSP are ultimately responsible for ascertaining the true conditions surrounding the site. Metadata for data layers shown on this map can be found at: <http://www.mass.gov/mgis/>.



MassDEP



APPENDIX A

This space is reserved for the Registry of Deeds

TRUSTEES' CERTIFICATE

We, Sarah B. George and Katharine A. Brown, as Trustees of the Frank B. W. Brown Nominee Trust, u/d/t dated November 16, 1988 and recorded in the Essex County South Registry of Deeds in Book 9817, Page 219 (the "Trust"), hereby certify as follows:

1. That we are the sole Trustees of the Trust;
2. That the Trust has not been altered, amended, revoked, or terminated and is in full force and effect;
3. That we have full power and authority and have been directed by the beneficiaries of the Trust, to convey, for consideration of less than \$100.00, the Trust's interest in the premises in Middleton, MA described in a deed recorded in said Registry at Book 9817, Page 239, to Corbeau LLC, a Massachusetts limited liability company.

WITNESS the execution hereof under this seal this 8th day of March, 2018.

Sarah B. George
Sarah B. George, Trustee

Katharine A. Brown
Katharine A. Brown, Trustee

Commonwealth of Massachusetts

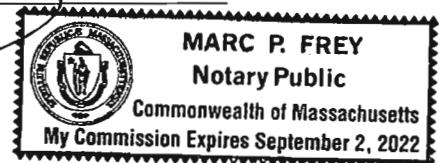
Essex, ss.

March 8, 2018

On this 8th day of March, 2018, before me, the undersigned notary public, personally appeared Sarah B. George, Trustee, proved to me through satisfactory evidence of identification, which was personal knowledge, to be the person who signed the preceding or attached document in my presence, and who swore or affirmed to me that the contents of the document are truthful and accurate to the best of his/her knowledge and belief.

Commonwealth of Massachusetts

NOTARY PUBLIC:

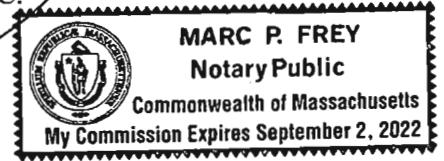


Essex, ss.

March 8, 2018

On this 8th day of March, 2018, before me, the undersigned notary public, personally appeared Katharine A. Brown, Trustee, proved to me through satisfactory evidence of identification, which was personal knowledge, to be the person who signed the preceding or attached document in my presence, and who swore or affirmed to me that the contents of the document are truthful and accurate to the best of his/her knowledge and belief.

NOTARY PUBLIC:



QUITCLAIM DEED

We, Sarah B. George and Katharine A. Brown, as Trustees of the Margaret H. Brown Nominees Trust, w/d/t dated November 16, 1988 and recorded with the Essex South Registry of Deeds in Book 9817, Page 225,

for consideration of less than one hundred dollars,

grant to Corbeau LLC, a Massachusetts limited liability company, of 85 S. Main Street, P.O. Box 717, Middleton, Essex County, Massachusetts,

with quitclaim covenants,

an undivided one-half (1/2) interest in the following land in Middleton, Essex County, Massachusetts:

Parcel I. The land in Middleton, bounded and described as follows:

Beginning on the Westerly side of South Main Street at the Northeasterly corner of Lot B on plan hereinafter referred to; thence running in a general

WESTERLY AND

SOUTHWESTERLY direction on 8 courses as shown on a street plan a distance of 2,018.68 feet to land formerly of the Estate of Daniel Fuller; thence running

NORTHWESTERLY as the stone wall stands and continuing in the same general direction by land formerly of said Fuller Estate and land now or formerly of Richardson about 770.61 feet to a corner; thence running

NORTHEASTERLY by land of owners unknown and land of Henderson 2090.75 feet to said South Main Street; thence running

SOUTHEASTERLY by said South Main Street, 376.94 feet to a bound stone; thence on a curve to the left, said curve having a radius of 1000 feet; a distance of 176.70 feet to the point of beginning.

Being shown as Lot A on a plan of "Land of Felicia Jankowski, Middleton, Scale 1" = 160', Feb.

1944, T.A. Appleton, C.E." duly recorded in Essex South District Registry of Deeds, Book 3373, Page 1.

Containing 30.55 acres more or less, according to said plan.

Parcel II. The land in Middleton, bounded and described as follows, viz:

Beginning at the Northeasterly corner of the lot herein conveyed at the Southeasterly corner of Lot A on plan hereinafter referred to; thence running

SOUTHEASTERLY	by South Main Street on a curve to the left, said curve having a radius of 1,000 feet, a distance of 55.24 feet to a bound stone; thence continuing
SOUTHEASTERLY	by South Main Street 437.86 feet to land formerly of the Estate of Daniel Fuller; thence running
SOUTHWESTERLY	by land formerly of the Estate of Daniel Fuller as the wall stands, 1,057.46 feet to an angle; thence running
WESTERLY	by land of said Fuller Estate as the wall stands, 1,040.46 feet to a corner; thence running
NORTHWESTERLY	by said Fuller Estate land as the wall stands, 311.98 feet to the Southwesterly corner of said Lot A; thence running in a general
NORTHEASTERLY AND EASTERLY	direction by 8 courses, bounded Northwesterly by said Lot A distance of 2,018.68 feet to said South Main Street and the point of beginning.

Containing 20.95 acres and being shown as Lot B on a plan of Land of Felicia Jankowski hereinabove mentioned.

Excepted from these premises is that parcel of land with the buildings thereon, more particularly of 2.137 acres described on a plan by Hayes Engineering, Inc., 828 Lynn Fells Parkway, Melrose, Mass. entitled "Plan of Land in Middleton, Mass., belonging to Alice M. Johnson," recorded in Essex South District Registry of Deeds in Plan Book 104, Page 64.

Also excepted from these premises is that parcel of land described in a plan by Hayes Engineering, Inc., 828 Lynn Fells Parkway, Melrose, Mass. entitled "Plan of Land in Middleton owned by Frank B.W. Brown and Margaret H. Brown, Scale 1" = 80', July 21, 1970," recorded in Essex South District Registry of Deeds in book 8754, Page 338.

Being the same premises conveyed by deed of Margaret H. Brown dated November 16, 1988, recorded in said registry at Book 9817, Page 237.

WITNESS our hands and seals this 8th day of March, 2018.

Sarah B. George
Sarah B. George, Trustee

Katharine A. Brown
Katharine A. Brown, Trustee

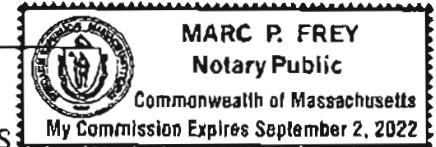
COMMONWEALTH OF MASSACHUSETTS

Essex County

March 8, 2018

On this 8th day of March, 2018, before me, the undersigned notary public, personally appeared Sarah B. George, Trustee as aforesaid, proved to me through satisfactory evidence of identification, which was personal knowledge, to be the person whose name is signed on the preceding or attached document, and who acknowledged to me that she signed it voluntarily for its stated purpose.

COMMONWEALTH OF MASSACHUSETTS

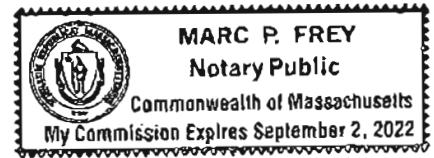


Essex County

March 8, 2018

On this 8th day of March, 2018, before me, the undersigned notary public, personally appeared Katharine A. Brown, Trustee as aforesaid, proved to me through satisfactory evidence of identification, which was personal knowledge, to be the person whose name is signed on the preceding or attached document, and who acknowledged to me that she signed it voluntarily for its stated purpose.

Notary Public



APPENDIX B

APPENDIX B – Photographs



Photo 1 – Clubhouse building



Photo 2 – Golf course facing west



Photo 3 – Clubhouse south side



Photo 4 – Non-community public well



Photo 5 – 275 gallon #2 AST in containment



Photo 6 – Propane tanks for kitchen



Photo 7 – Pro Shop ground floor of Clubhouse



Photo 8 – Clubhouse furnace, overhead feed lines



Photo 9 – Floor of women's restroom in Clubhouse

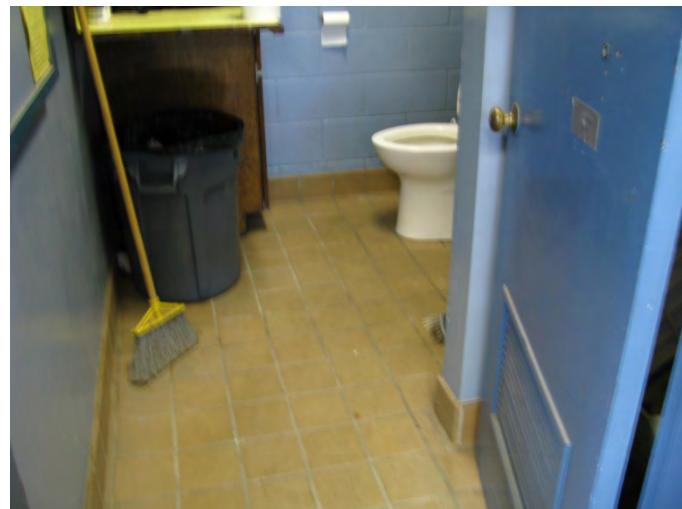


Photo 10 – Floor of men's restroom in Clubhouse



Photo 11 – Storage room, Clubhouse addition



Photo 12 – Café, upstairs in Clubhouse



Photo 13 – Maintenance Building



Photo 15 – Safety clean degreaser in shop



Photo 17 – Former floor drain under mower



Photo 14 – Water pump in corner of work room



Photo 16 – Maintenance building shop



Photo 18 – Heating system, overhead feed lines



Photo 19 – Office in maintenance shop

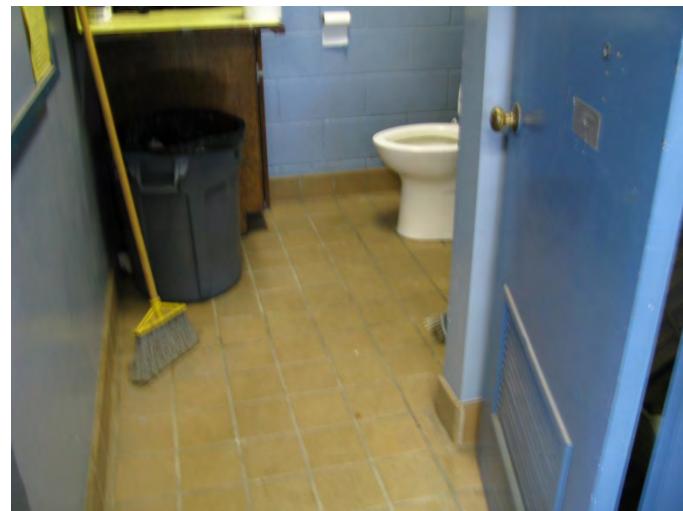


Photo 20 – Restroom floor in maintenance shop



Photo 21 – Mowers, equipment in garage



Photo 22 – Gas containers, garage



Photo 23 – Diesel fuel AST, lubricating oil drum



Photo 24 - #2 Fuel oil AST in garage



Photo 25 – Mowers stored in garage

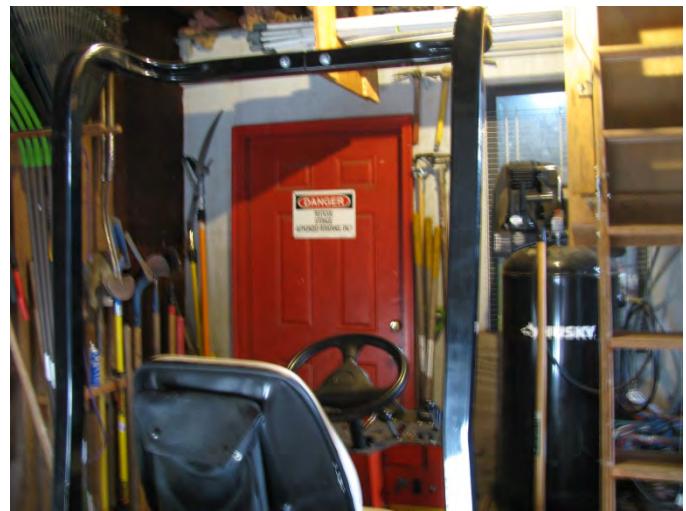


Photo 26 – Door to chemical storage room



Photo 27 – Chemical storage locker



Photo 28 – Fertilizer container



Photo 29 - Paint storage



Photo 30 – Fungicide container



Photo 31 – Golf cart storage



Photo 32 – Storage room maintenance building shed



Photo 33 – Containment for waste oil drums



Photo 34 – Waste oil drums



Photo 35 – South side of maintenance building, gas storage locker, equipment storage



Photo 36 – Inside gas can storage locker



Photo 37 – Storage trailer, catch basin



Photo 38 – Vehicle in trailer



Photo 39 – Parking lot and Maintenance Building



Photo 40 – Dumpster west of garage



Photo 41 – Sand storage piles, east parking lot



Photo 42 – Septic system manholes



Photo 43 – Area of former house at #93 S. Main St.



Photo 44 – Cut brush near #93



Photo 45 – Northern portion of golf course



Photo 46 – Golf course from S. Main Street

APPENDIX C

105 South Main St
105 South Main St
MIDDLETON, MA 01949

Inquiry Number: 5532837.2s
January 14, 2019

The EDR Radius Map™ Report with GeoCheck®



6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

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<u>SECTION</u>	<u>PAGE</u>
Executive Summary	ES1
Overview Map	2
Detail Map	3
Map Findings Summary	4
Map Findings	8
Orphan Summary	90
Government Records Searched/Data Currency Tracking	GR-1

GEOCHECK ADDENDUM

Physical Setting Source Addendum	A-1
Physical Setting Source Summary	A-2
Physical Setting SSURGO Soil Map	A-5
Physical Setting Source Map	A-15
Physical Setting Source Map Findings	A-17
Physical Setting Source Records Searched	PSGR-1

Thank you for your business.
 Please contact EDR at 1-800-352-0050
 with any questions or comments.

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EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E 1527-13), the ASTM Standard Practice for Environmental Site Assessments for Forestland or Rural Property (E 2247-16), the ASTM Standard Practice for Limited Environmental Due Diligence: Transaction Screen Process (E 1528-14) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

105 SOUTH MAIN ST
MIDDLETON, MA 01949

COORDINATES

Latitude (North): 42.5870060 - 42° 35' 13.22"
Longitude (West): 71.0150350 - 71° 0' 54.12"
Universal Tranverse Mercator: Zone 19
UTM X (Meters): 334654.6
UTM Y (Meters): 4716707.5
Elevation: 81 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map: 5644832 READING, MA
Version Date: 2012

Southeast Map: 5642648 SALEM, MA
Version Date: 2012

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from: 20140712
Source: USDA

MAPPED SITES SUMMARY

Target Property Address:

105 SOUTH MAIN ST
MIDDLETON, MA 01949

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
1	BFI	RT 114 @ 105 MAIN ST	SPILLS		TP
2	SENTER TRANSPORTATIO	SOUTH MAIN ST BOSTON	SHWS, RELEASE	Higher	2151, 0.407, North
3	RICHARDSON'S DAIRY	152 SOUTH MAIN ST	SHWS, RELEASE	Higher	2643, 0.501, ESE
A4	INTERSECTION OF RTE	4 SOUTH MAIN ST	SHWS, RELEASE	Lower	2787, 0.528, North
A5	CUMBERLAND FARMS #24	4 SOUTH MAIN ST	SHWS, UST, RELEASE	Lower	2787, 0.528, North
A6	NO LOCATION AID	4 SOUTH MAIN ST	SHWS, RELEASE	Lower	2787, 0.528, North
A7	EXXON R/S 3-0364--JC	4 SOUTH MAIN ST	SHWS, RELEASE	Lower	2787, 0.528, North
8	COMMERCIAL PROPERTY	2-20 NORTH MAIN ST	SHWS, RELEASE	Higher	2873, 0.544, North
9	NO LOCATION AID	29 MAIN ST	SHWS, RELEASE	Higher	3277, 0.621, North
10	JOHN GIKAS 2002 TRUS	196-206 SOUTH MAIN S	SHWS, RELEASE, ENF	Higher	4011, 0.760, ESE
11	NO LOCATION AID	206 SOUTH MAIN ST	SHWS, RELEASE, ASBESTOS, HW GEN	Lower	4277, 0.810, ESE
12	NO LOCATION AID	67 NORTH MAIN STREET	SHWS, RELEASE	Higher	4410, 0.835, NNW
13	FIRST PETROLEUM	30 LAKE ST.	SHWS, SPILLS, RELEASE, ASBESTOS	Higher	4810, 0.911, WNW
14	QUARTER MILE NORTH O	73 NORTH MAIN ST	SHWS, LUST, SPILLS, RELEASE	Higher	4869, 0.922, NNW

EXECUTIVE SUMMARY

TARGET PROPERTY SEARCH RESULTS

The target property was identified in the following records. For more information on this property see page 8 of the attached EDR Radius Map report:

Site	Database(s)	EPA ID
BFI RT 114 @ 105 MAIN ST MIDDLETON, MA 01949	SPILLS Facility Id: 0000 Case Closed: YES Spill ID: N92-0799	N/A

DATABASES WITH NO MAPPED SITES

No mapped sites were found in EDR's search of available ("reasonably ascertainable ") government records either on the target property or within the search radius around the target property for the following databases:

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL..... National Priority List
Proposed NPL..... Proposed National Priority List Sites
NPL LIENS..... Federal Superfund Liens

Federal Delisted NPL site list

Delisted NPL..... National Priority List Deletions

Federal CERCLIS list

FEDERAL FACILITY..... Federal Facility Site Information listing
SEMS..... Superfund Enterprise Management System

Federal CERCLIS NFRAP site list

SEMS-ARCHIVE..... Superfund Enterprise Management System Archive

Federal RCRA CORRACTS facilities list

CORRACTS..... Corrective Action Report

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF..... RCRA - Treatment, Storage and Disposal

Federal RCRA generators list

RCRA-LQG..... RCRA - Large Quantity Generators

EXECUTIVE SUMMARY

RCRA-SQG..... RCRA - Small Quantity Generators
RCRA-CESQG..... RCRA - Conditionally Exempt Small Quantity Generator

Federal institutional controls / engineering controls registries

LUCIS..... Land Use Control Information System
US ENG CONTROLS..... Engineering Controls Sites List
US INST CONTROL..... Sites with Institutional Controls

Federal ERNS list

ERNS..... Emergency Response Notification System

State and tribal landfill and/or solid waste disposal site lists

SWF/LF..... Solid Waste Facility Database/Transfer Stations

State and tribal leaking storage tank lists

LUST..... Leaking Underground Storage Tank Listing
LAST..... Leaking Aboveground Storage Tank Sites
INDIAN LUST..... Leaking Underground Storage Tanks on Indian Land

State and tribal registered storage tank lists

FEMA UST..... Underground Storage Tank Listing
UST..... Summary Listing of all the Tanks Registered in the State of Massachusetts
AST..... Aboveground Storage Tank Database
INDIAN UST..... Underground Storage Tanks on Indian Land

State and tribal institutional control / engineering control registries

INST CONTROL..... Sites With Activity and Use Limitation

State and tribal voluntary cleanup sites

INDIAN VCP..... Voluntary Cleanup Priority Listing

State and tribal Brownfields sites

BROWNFIELDS..... Completed Brownfields Covenants Listing

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS..... A Listing of Brownfields Sites

Local Lists of Landfill / Solid Waste Disposal Sites

INDIAN ODI..... Report on the Status of Open Dumps on Indian Lands
DEBRIS REGION 9..... Torres Martinez Reservation Illegal Dump Site Locations
ODI..... Open Dump Inventory
IHS OPEN DUMPS..... Open Dumps on Indian Land

EXECUTIVE SUMMARY

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL..... Delisted National Clandestine Laboratory Register
US CDL..... National Clandestine Laboratory Register

Local Land Records

LIENS..... Liens Information Listing
LIENS 2..... CERCLA Lien Information

Records of Emergency Release Reports

HMIRS..... Hazardous Materials Information Reporting System
RELEASE..... Reportable Releases Database
SPILLS 90..... SPILLS 90 data from FirstSearch
SPILLS 80..... SPILLS 80 data from FirstSearch

Other Ascertainable Records

RCRA NonGen / NLR..... RCRA - Non Generators / No Longer Regulated
FUDS..... Formerly Used Defense Sites
DOD..... Department of Defense Sites
SCRD DRYCLEANERS..... State Coalition for Remediation of Drycleaners Listing
US FIN ASSUR..... Financial Assurance Information
EPA WATCH LIST..... EPA WATCH LIST
2020 COR ACTION..... 2020 Corrective Action Program List
TSCA..... Toxic Substances Control Act
TRIS..... Toxic Chemical Release Inventory System
SSTS..... Section 7 Tracking Systems
ROD..... Records Of Decision
RMP..... Risk Management Plans
RAATS..... RCRA Administrative Action Tracking System
PRP..... Potentially Responsible Parties
PADS..... PCB Activity Database System
ICIS..... Integrated Compliance Information System
FTTS..... FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
MLTS..... Material Licensing Tracking System
COAL ASH DOE..... Steam-Electric Plant Operation Data
COAL ASH EPA..... Coal Combustion Residues Surface Impoundments List
PCB TRANSFORMER..... PCB Transformer Registration Database
RADINFO..... Radiation Information Database
HIST FTTS..... FIFRA/TSCA Tracking System Administrative Case Listing
DOT OPS..... Incident and Accident Data
CONSENT..... Superfund (CERCLA) Consent Decrees
INDIAN RESERV..... Indian Reservations
FUSRAP..... Formerly Utilized Sites Remedial Action Program
UMTRA..... Uranium Mill Tailings Sites
LEAD SMELTERS..... Lead Smelter Sites
US AIRS..... Aerometric Information Retrieval System Facility Subsystem
US MINES..... Mines Master Index File
ABANDONED MINES..... Abandoned Mines
FINDS..... Facility Index System/Facility Registry System
UXO..... Unexploded Ordnance Sites

EXECUTIVE SUMMARY

DOCKET HWC.....	Hazardous Waste Compliance Docket Listing
ECHO.....	Enforcement & Compliance History Information
FUELS PROGRAM.....	EPA Fuels Program Registered Listing
AIRS.....	Permitted Facilities Listing
ASBESTOS.....	ASBESTOS
DRYCLEANERS.....	Regulated Drycleaning Facilities
ENF.....	Enforcement Action Cases
Financial Assurance.....	Financial Assurance Information Listing
GWDP.....	Ground Water Discharge Permits
HW GEN.....	List of Massachusetts Hazardous Waste Generators
MERCURY.....	Mercury Product Recycling Drop-Off Locations Listing
NPDES.....	NPDES Permit Listing
TIER 2.....	Tier 2 Information Listing
TSD.....	TSD Facility

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP.....	EDR Proprietary Manufactured Gas Plants
EDR Hist Auto.....	EDR Exclusive Historical Auto Stations
EDR Hist Cleaner.....	EDR Exclusive Historical Cleaners

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA HWS.....	Recovered Government Archive State Hazardous Waste Facilities List
RGA LUST.....	Recovered Government Archive Leaking Underground Storage Tank

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property.

Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

Sites listed in ***bold italics*** are in multiple databases.

Unmappable (orphan) sites are not considered in the foregoing analysis.

STANDARD ENVIRONMENTAL RECORDS

State- and tribal - equivalent CERCLIS

SHWS: Contains information on releases of oil and hazardous materials that have been reported to DEP.

A review of the SHWS list, as provided by EDR, and dated 07/10/2018 has revealed that there are 13

EXECUTIVE SUMMARY

SHWS sites within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
SENTER TRANSPORTATIO Release Tracking Number / Current Status: 3-0001072 / DEPNFA	SOUTH MAIN ST BOSTON	N 1/4 - 1/2 (0.407 mi.)	2	8
RICHARDSON'S DAIRY Release Tracking Number / Current Status: 3-0023263 / RAO	152 SOUTH MAIN ST	ESE 1/2 - 1 (0.501 mi.)	3	9
COMMERCIAL PROPERTY Release Tracking Number / Current Status: 3-0004338 / WCSPRM	2-20 NORTH MAIN ST	N 1/2 - 1 (0.544 mi.)	8	32
NO LOCATION AID Release Tracking Number / Current Status: 3-0018950 / RAO Release Tracking Number / Current Status: 3-0016792 / RAONR Release Tracking Number / Current Status: 3-0014402 / RAO	29 MAIN ST	N 1/2 - 1 (0.621 mi.)	9	34
JOHN GIKAS 2002 TRUS Release Tracking Number / Current Status: 3-0028029 / RAO Release Tracking Number / Current Status: 3-0011914 / RAO	196-206 SOUTH MAIN S	ESE 1/2 - 1 (0.760 mi.)	10	48
NO LOCATION AID Release Tracking Number / Current Status: 3-0034062 / TIERII	67 NORTH MAIN STREET	NNW 1/2 - 1 (0.835 mi.)	12	71
FIRST PETROLEUM Release Tracking Number / Current Status: 3-0022987 / RAO	30 LAKE ST.	WNW 1/2 - 1 (0.911 mi.)	13	81
QUARTER MILE NORTH O Release Tracking Number / Current Status: 3-0001376 / DEPNFA	73 NORTH MAIN ST	NNW 1/2 - 1 (0.922 mi.)	14	86

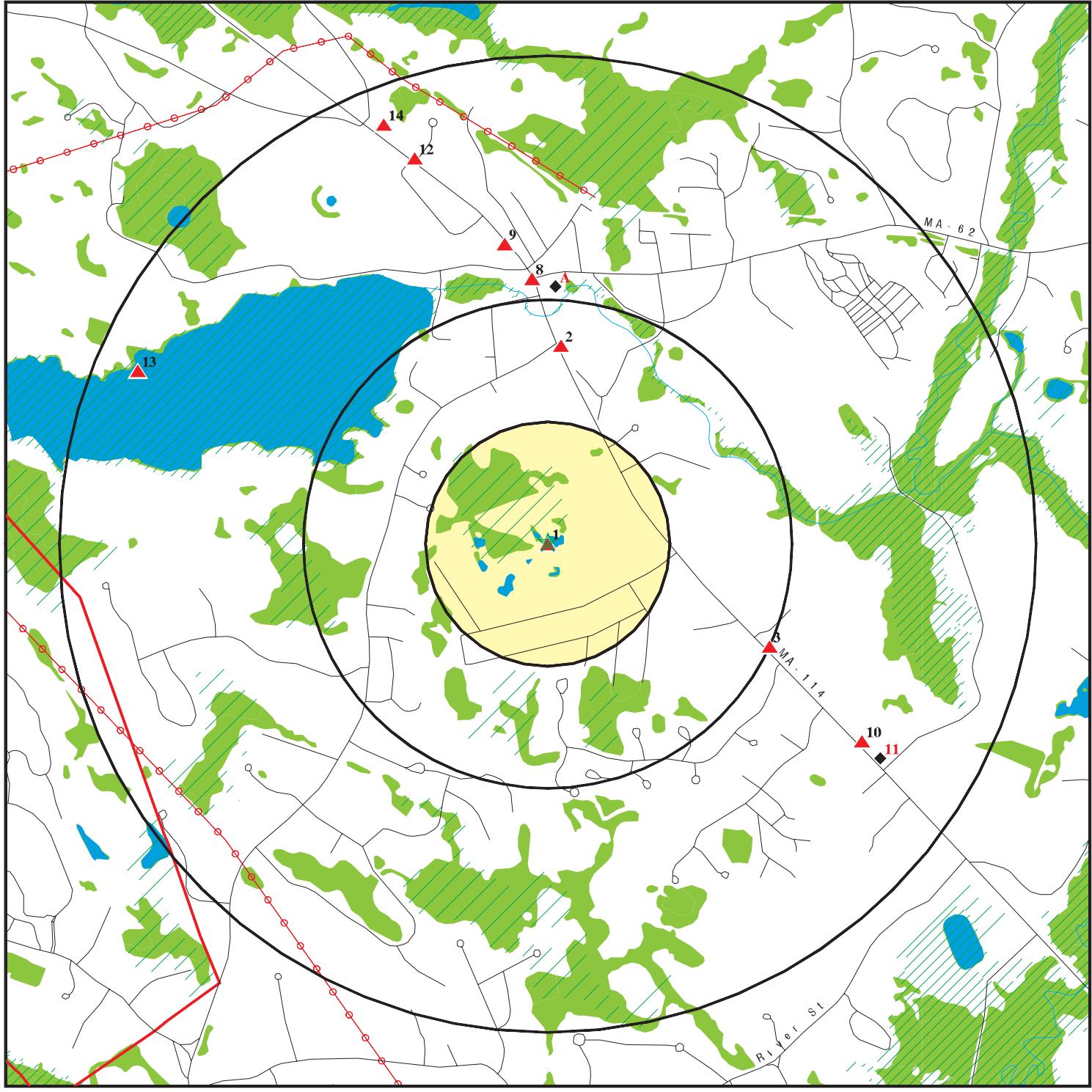
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
INTERSECTION OF RTE Release Tracking Number / Current Status: 3-0030031 / RAO	4 SOUTH MAIN ST	N 1/2 - 1 (0.528 mi.)	A4	11
CUMBERLAND FARMS #24 Release Tracking Number / Current Status: 3-0033281 / PSNC	4 SOUTH MAIN ST	N 1/2 - 1 (0.528 mi.)	A5	16
NO LOCATION AID Release Tracking Number / Current Status: 3-0019822 / RAO	4 SOUTH MAIN ST	N 1/2 - 1 (0.528 mi.)	A6	26
EXXON R/S 3-0364--JC Release Tracking Number / Current Status: 3-0011778 / RAO	4 SOUTH MAIN ST	N 1/2 - 1 (0.528 mi.)	A7	29
NO LOCATION AID Release Tracking Number / Current Status: 3-0022691 / RAO Release Tracking Number / Current Status: 3-0014481 / RAO	206 SOUTH MAIN ST	ESE 1/2 - 1 (0.810 mi.)	11	65

EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped. Count: 6 records.

<u>Site Name</u>	<u>Database(s)</u>
LIBERTY STREET BRIDGE	SHWS, RELEASE
EMERSON BROOK RESERVOIR	SHWS, RELEASE
ROADWAY SPILL ADJ 21&23 MEADOW DRI	SHWS, RELEASE
LOT 179	SHWS, RELEASE
BASTILE CORP	SEMS-ARCHIVE
JOHNSON DUMP SITE	SWF/LF

OVERVIEW MAP - 5532837.2S



- ★ Target Property
- ▲ Sites at elevations higher than or equal to the target property
- ◆ Sites at elevations lower than the target property
- ▲ Manufactured Gas Plants
- National Priority List Sites
- Dept. Defense Sites

- ▨ Indian Reservations BIA
- ▨ County Boundary
- ▨ Power transmission lines
- ▨ 100-year flood zone
- ▨ 500-year flood zone
- ▨ National Wetland Inventory
- ▨ State Wetlands

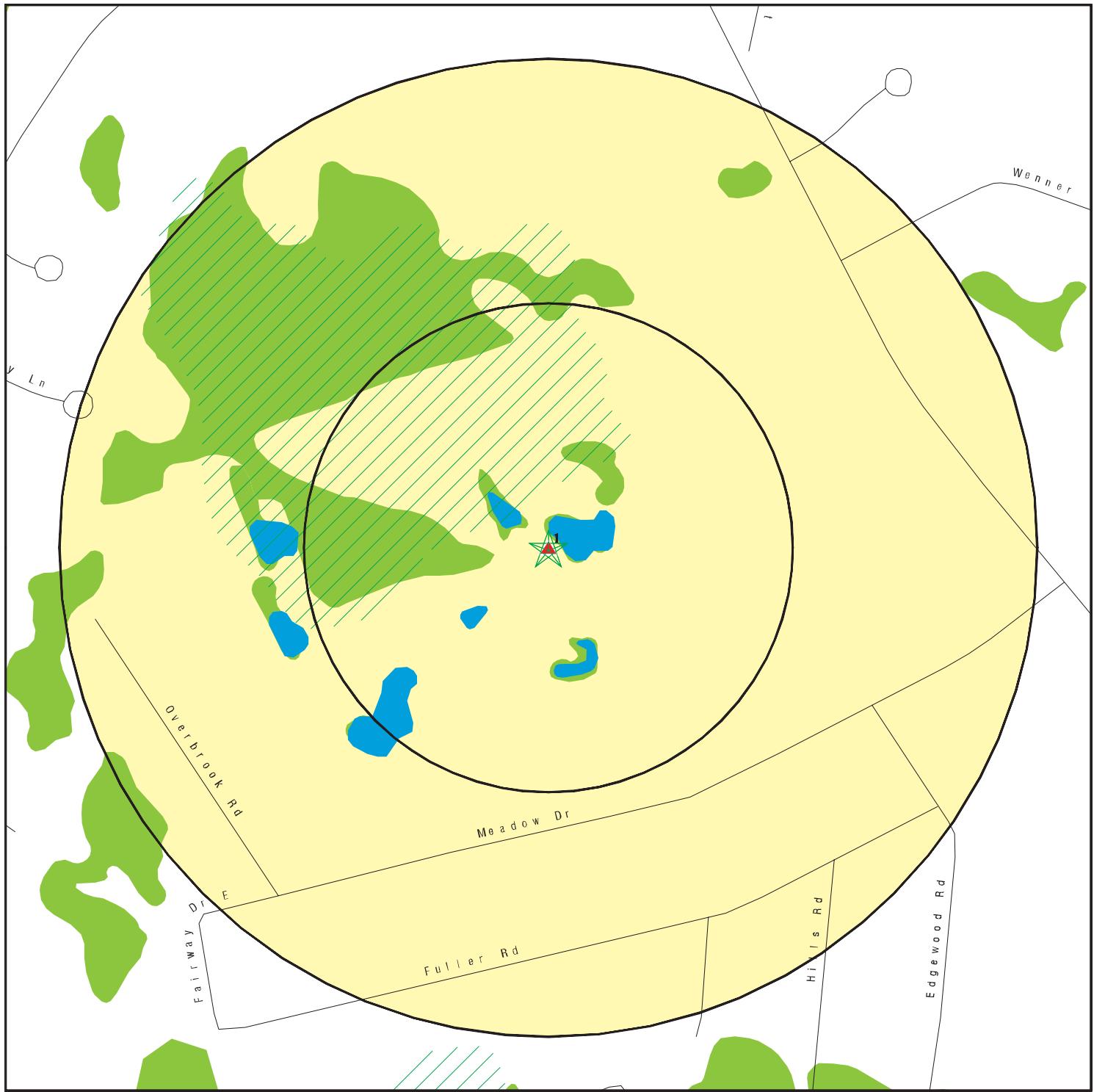
- ▨ Areas of Critical Environmental Concern

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: 105 South Main St
ADDRESS: 105 South Main St
MIDDLETON MA 01949
LAT/LONG: 42.587006 / 71.015035

CLIENT: Geological Field Services
CONTACT: Luke Fabbri
INQUIRY #: 5532837.2s
DATE: January 14, 2019 8:23 am

DETAIL MAP - 5532837.2S



- ★ Target Property
- ▲ Sites at elevations higher than or equal to the target property
- ◆ Sites at elevations lower than the target property
- ▲ Manufactured Gas Plants
- Sensitive Receptors
- National Priority List Sites
- Dept. Defense Sites

Indian Reservations BIA	Areas of Critical Environmental Concern
100-year flood zone	
500-year flood zone	
National Wetland Inventory	
State Wetlands	

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: 105 South Main St
 ADDRESS: 105 South Main St
 MIDDLETON MA 01949
 LAT/LONG: 42.587006 / 71.015035

CLIENT: Geological Field Services
 CONTACT: Luke Fabbri
 INQUIRY #: 5532837.2s
 DATE: January 14, 2019 8:25 am

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
<u>STANDARD ENVIRONMENTAL RECORDS</u>								
<i>Federal NPL site list</i>								
NPL	1.000		0	0	0	0	NR	0
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	1.000		0	0	0	0	NR	0
<i>Federal Delisted NPL site list</i>								
Delisted NPL	1.000		0	0	0	0	NR	0
<i>Federal CERCLIS list</i>								
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
SEMS	0.500		0	0	0	NR	NR	0
<i>Federal CERCLIS NFRAP site list</i>								
SEMS-ARCHIVE	0.500		0	0	0	NR	NR	0
<i>Federal RCRA CORRACTS facilities list</i>								
CORRACTS	1.000		0	0	0	0	NR	0
<i>Federal RCRA non-CORRACTS TSD facilities list</i>								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
<i>Federal RCRA generators list</i>								
RCRA-LQG	0.250		0	0	NR	NR	NR	0
RCRA-SQG	0.250		0	0	NR	NR	NR	0
RCRA-CESQG	0.250		0	0	NR	NR	NR	0
<i>Federal institutional controls / engineering controls registries</i>								
LUCIS	0.500		0	0	0	NR	NR	0
US ENG CONTROLS	0.500		0	0	0	NR	NR	0
US INST CONTROL	0.500		0	0	0	NR	NR	0
<i>Federal ERNS list</i>								
ERNS	TP		NR	NR	NR	NR	NR	0
<i>State- and tribal - equivalent CERCLIS</i>								
SHWS	1.000		0	0	1	12	NR	13
<i>State and tribal landfill and/or solid waste disposal site lists</i>								
SWF/LF	0.500		0	0	0	NR	NR	0
<i>State and tribal leaking storage tank lists</i>								
LUST	0.500		0	0	0	NR	NR	0
LAST	0.500		0	0	0	NR	NR	0
INDIAN LUST	0.500		0	0	0	NR	NR	0
<i>State and tribal registered storage tank lists</i>								
FEMA UST	0.250		0	0	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
UST	0.250		0	0	NR	NR	NR	0
AST	0.250		0	0	NR	NR	NR	0
INDIAN UST	0.250		0	0	NR	NR	NR	0
<i>State and tribal institutional control / engineering control registries</i>								
INST CONTROL	0.500		0	0	0	NR	NR	0
<i>State and tribal voluntary cleanup sites</i>								
INDIAN VCP	0.500		0	0	0	NR	NR	0
<i>State and tribal Brownfields sites</i>								
BROWNFIELDS	0.500		0	0	0	NR	NR	0
<u>ADDITIONAL ENVIRONMENTAL RECORDS</u>								
<i>Local Brownfield lists</i>								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
<i>Local Lists of Landfill / Solid Waste Disposal Sites</i>								
INDIAN ODI	0.500		0	0	0	NR	NR	0
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
ODI	0.500		0	0	0	NR	NR	0
IHS OPEN DUMPS	0.500		0	0	0	NR	NR	0
<i>Local Lists of Hazardous waste / Contaminated Sites</i>								
US HIST CDL	TP		NR	NR	NR	NR	NR	0
US CDL	TP		NR	NR	NR	NR	NR	0
<i>Local Land Records</i>								
LIENS	TP		NR	NR	NR	NR	NR	0
LIENS 2	TP		NR	NR	NR	NR	NR	0
<i>Records of Emergency Release Reports</i>								
HMIRS	TP		NR	NR	NR	NR	NR	0
SPILLS	TP	1	NR	NR	NR	NR	NR	1
RELEASE	TP		NR	NR	NR	NR	NR	0
SPILLS 90	TP		NR	NR	NR	NR	NR	0
SPILLS 80	TP		NR	NR	NR	NR	NR	0
<i>Other Ascertainable Records</i>								
RCRA NonGen / NLR	0.250		0	0	NR	NR	NR	0
FUDS	1.000		0	0	0	0	NR	0
DOD	1.000		0	0	0	0	NR	0
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
US FIN ASSUR	TP		NR	NR	NR	NR	NR	0
EPA WATCH LIST	TP		NR	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
TSCA	TP	NR	NR	NR	NR	NR	0	
TRIS	TP	NR	NR	NR	NR	NR	0	
SSTS	TP	NR	NR	NR	NR	NR	0	
ROD	1.000	0	0	0	0	NR	0	
RMP	TP	NR	NR	NR	NR	NR	0	
RAATS	TP	NR	NR	NR	NR	NR	0	
PRP	TP	NR	NR	NR	NR	NR	0	
PADS	TP	NR	NR	NR	NR	NR	0	
ICIS	TP	NR	NR	NR	NR	NR	0	
FTTS	TP	NR	NR	NR	NR	NR	0	
MLTS	TP	NR	NR	NR	NR	NR	0	
COAL ASH DOE	TP	NR	NR	NR	NR	NR	0	
COAL ASH EPA	0.500	0	0	0	NR	NR	0	
PCB TRANSFORMER	TP	NR	NR	NR	NR	NR	0	
RADINFO	TP	NR	NR	NR	NR	NR	0	
HIST FTTS	TP	NR	NR	NR	NR	NR	0	
DOT OPS	TP	NR	NR	NR	NR	NR	0	
CONSENT	1.000	0	0	0	0	NR	0	
INDIAN RESERV	1.000	0	0	0	0	NR	0	
FUSRAP	1.000	0	0	0	0	NR	0	
UMTRA	0.500	0	0	0	NR	NR	0	
LEAD SMELTERS	TP	NR	NR	NR	NR	NR	0	
US AIRS	TP	NR	NR	NR	NR	NR	0	
US MINES	0.250	0	0	NR	NR	NR	0	
ABANDONED MINES	0.250	0	0	NR	NR	NR	0	
FINDS	TP	NR	NR	NR	NR	NR	0	
UXO	1.000	0	0	0	0	NR	0	
DOCKET HWC	TP	NR	NR	NR	NR	NR	0	
ECHO	TP	NR	NR	NR	NR	NR	0	
FUELS PROGRAM	0.250	0	0	NR	NR	NR	0	
AIRS	TP	NR	NR	NR	NR	NR	0	
ASBESTOS	TP	NR	NR	NR	NR	NR	0	
DRYCLEANERS	0.250	0	0	NR	NR	NR	0	
ENF	TP	NR	NR	NR	NR	NR	0	
Financial Assurance	TP	NR	NR	NR	NR	NR	0	
GWDP	TP	NR	NR	NR	NR	NR	0	
HW GEN	0.250	0	0	NR	NR	NR	0	
MERCURY	0.500	0	0	0	NR	NR	0	
NPDES	TP	NR	NR	NR	NR	NR	0	
TIER 2	TP	NR	NR	NR	NR	NR	0	
TSD	0.500	0	0	0	NR	NR	0	

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP	1.000	0	0	0	0	NR	0
EDR Hist Auto	0.125	0	NR	NR	NR	NR	0
EDR Hist Cleaner	0.125	0	NR	NR	NR	NR	0

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA HWS	TP	NR	NR	NR	NR	NR	0
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MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
RGA LUST	TP		NR	NR	NR	NR	NR	0
- Totals --		1	0	0	1	12	0	14

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

Map ID	Direction	Distance	Elevation	Site	MAP FINDINGS	EDR ID Number	Database(s)	EPA ID Number
--------	-----------	----------	-----------	------	--------------	---------------	-------------	---------------

1	BFI	SPILLS	S101043040	
Target	RT 114 @ 105 MAIN ST			
Property	MIDDLETON, MA 01949		N/A	
	MA Spills:			
Actual: 81 ft.	Facility ID:	0000	Spill ID:	N92-0799
	Staff Lead:	ARMSTRONG, V	Date Entered:	Not reported
	Last Entered:	19920625	First Response:	19920625
	Spill Date:	19920625	Spill Time:	Not reported
	Report Date:	19920625	Report Time:	10:35AM
	Case Closed:	YES	Mat Type:	PETROLEUM
	Virgin Waste:	WASTE	Contam Soil:	Not reported
	Env Impact:	-----	Other Impact:	Not reported
	Material:	HYDRAULIC FLUID	Other Material:	Not reported
	Qty Reported:	11-50	Qty Actual:	11-50
	Qty Reported:	GALLONS	Qty Actual:	GALLONS
	CAS No:	Not reported	PCB Lev (ppm):	NONE
	Source:	PIPE/HOSE/LINE	Other Source:	Not reported
	Incident:	RUPTURE	Other Incdnt:	Not reported
	Cleanup Type:	---	Contractor:	NOT USED
	Referral:	NO	LUST Elig:	NO
	Report Prep:	Not reported	Category:	1
	Notifier:	LILLY/FD		
	Notif Tel:	Not reported		
	Days/Close:	1		

2 SENTER TRANSPORTATION CO SHWS S100829205
North SOUTH MAIN ST BOSTON ST RELEASE N/A
1/4-1/2 MIDDLETON, MA 01949
0.407 mi.
2151 ft.

Relative:	SHWS:
Higher	Release Tracking Number/Current Status: 3-0001072 / DEPNFA
Actual:	Release Town: MIDDLETON
96 ft.	Notification Date: 10/15/1989
	Category: NONE
	Associated ID: Not reported
	Current Status: No Further Action (DEP Determined)
	Status Date: 04/02/1996
	Phase: Not reported
	Response Action Outcome: -
	Oil Or Haz Material: Oil
	Source: TANKER

[Click here to access the MA DEP site for this facility.](#)

Chemicals:	
Chemical:	PETROLEUM
Quantity:	Not reported
Actions:	
Action Type:	Release Dispos
Action Status:	Valid Transition
Action Date:	10/15/1989
Response Action Outcome:	Not reported
Action Type:	TREGS
Action Status:	DEPNFA

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

SENTER TRANSPORTATION CO (Continued)

S100829205

Action Date: 4/2/1996
Response Action Outcome: Not reported

Release:

Release Tracking Number/Current Status: 3-0001072 / DEPNFA
Primary ID: Not reported
Official City: MIDDLETON
Notification: 10/15/1989
Category: NONE
Status Date: 04/02/1996
Phase: Not reported
Response Action Outcome: -
Oil / Haz Material Type: Oil

[Click here to access the MA DEP site for this facility:](#)

Actions:

Action Type: Release Disposition
Action Status: Valid Transition Site
Action Date: 10/15/1989
Response Action Outcome: Not reported

Action Type: TREGS
Action Status: DEPNFA
Action Date: 4/2/1996
Response Action Outcome: Not reported

Chemicals:

Chemical: PETROLEUM
Quantity: Not reported
Source: TANKER

3 RICHARDSON'S DAIRY
ESE 152 SOUTH MAIN ST
1/2-1 MIDDLETON, MA 01949
0.501 mi.
2643 ft.

SHWS S106030151
RELEASE N/A

Relative: SHWS:
Higher Release Tracking Number/Current Status: 3-0023263 / RAO
Release Town: MIDDLETON
Actual: Notification Date: 10/11/2003
109 ft. Category: TWO HR
Associated ID: Not reported
Current Status: Response Action Outcome
Status Date: 12/19/2003
Phase: Not reported
Response Action Outcome: A1 - A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.
Oil Or Haz Material: Hazardous Material
Location Type: COMMERCIAL
Source: PIPE

[Click here to access the MA DEP site for this facility:](#)

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

RICHARDSON'S DAIRY (Continued)

S106030151

Chemicals:	
Chemical:	ANHYDROUS AMMONIA
Quantity:	60 pounds
Actions:	
Action Type:	Immediate Response Action
Action Status:	Oral Approval of Plan or Action
Action Date:	10/11/2003
Response Action Outcome:	A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.
Action Type:	Release Disposition
Action Status:	Reportable Release under MGL 21E
Action Date:	10/11/2003
Response Action Outcome:	A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.
Action Type:	A Notice sent to a Potentially Responsible Party (PRP)
Action Status:	A MassDEP piece of correspondence was issued (approvals, NORs, etc.)
Action Date:	10/24/2003
Response Action Outcome:	A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.
Action Type:	RLFA
Action Status:	FLDD1A
Action Date:	10/24/2003
Response Action Outcome:	A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.
Action Type:	RNF
Action Status:	Reportable Release under MGL 21E
Action Date:	12/19/2003
Response Action Outcome:	A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.
Action Type:	Response Action Outcome - RAO
Action Status:	RAO Statement Received
Action Date:	12/19/2003
Response Action Outcome:	A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.
Release:	
Release Tracking Number/Current Status:	3-0023263 / RAO
Primary ID:	Not reported
Official City:	MIDDLETON
Notification:	10/11/2003
Category:	TWO HR
Status Date:	12/19/2003
Phase:	Not reported
Response Action Outcome:	A1 - A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.
Oil / Haz Material Type:	Hazardous Material

Click here to access the MA DEP site for this facility:

Map ID	Site	MAP FINDINGS	EDR ID Number
Direction			EPA ID Number
Distance			
Elevation			

RICHARDSON'S DAIRY (Continued)
S106030151
Actions:

Action Type: Immediate Response Action
 Action Status: Oral Approval of Plan or Action
 Action Date: 10/11/2003
 Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: Release Disposition
 Action Status: Reportable Release under MGL 21E
 Action Date: 10/11/2003
 Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: A Notice sent to a Potentially Responsible Party (PRP)
 Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.)
 Action Date: 10/24/2003
 Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: RLFA
 Action Status: FLDD1A
 Action Date: 10/24/2003
 Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: RNF
 Action Status: Reportable Release under MGL 21E
 Action Date: 12/19/2003
 Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: Response Action Outcome - RAO
 Action Status: RAO Statement Received
 Action Date: 12/19/2003
 Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Chemicals:

Chemical: ANHYDROUS AMMONIA
 Quantity: 60 pounds
 Location Type: COMMERCIAL
 Source: PIPE

A4 **INTERSECTION OF RTE 114 AND RTE 62**
North **4 SOUTH MAIN ST**
1/2-1 **MIDDLETON, MA 01949**
0.528 mi.
2787 ft. **Site 1 of 4 in cluster A**

SHWS S121826572
RELEASE N/A

Relative: SHWS:
Lower Release Tracking Number/Current Status: 3-0030031 / RAO
Actual: Release Town: MIDDLETON
80 ft. Notification Date: 05/27/2011
 Category: TWO HR
 Associated ID: Not reported
Current Status: Response Action Outcome
 Status Date: 07/25/2011

Map ID
Direction
Distance
Elevation

Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

INTERSECTION OF RTE 114 AND RTE 62 (Continued)

S121826572

Phase: Not reported
Response Action Outcome: A1 - A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.
Oil Or Haz Material: Oil
Location Type: ROADWAY
Source: VEHICLE
Source: TANK
Source: SADDLE

[Click here to access the MA DEP site for this facility:](#)

Chemicals:
Chemical: HYDRAULIC FLUID
Quantity: 20 gallons
Chemical: HYDRAULIC FLUID
Quantity: 40 gallons

Actions:
Action Type: Immediate Response Action
Action Status: Oral Approval of Plan or Action
Action Date: 5/27/2011
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: Release Disposition
Action Status: Reportable Release under MGL 21E
Action Date: 5/27/2011
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: A Notice sent to a Potentially Responsible Party (PRP)
Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.
Action Date: 6/22/2011
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: RNF
Action Status: Reportable Release under MGL 21E
Action Date: 7/25/2011
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: Response Action Outcome - RAO
Action Status: Level I - Technical Screen Audit
Action Date: 7/25/2011
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: Response Action Outcome - RAO
Action Status: RAO Statement Received
Action Date: 7/25/2011
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: RNFE
Action Status: Transmittal, Notice, or Notification Received

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

INTERSECTION OF RTE 114 AND RTE 62 (Continued)

S121826572

Action Date: 7/25/2011
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Release Tracking Number/Current Status: 3-0030031 / RAO
Release Town: MIDDLETON
Notification Date: 05/27/2011
Category: TWO HR
Associated ID: Not reported
Current Status: Response Action Outcome
Status Date: 07/25/2011
Phase: Not reported
Response Action Outcome: A1 - A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.
Oil Or Haz Material: Oil
Location Type: ROADWAY
Source: VEHICLE
Source: TANK
Source: SADDLE

[Click here to access the MA DEP site for this facility:](#)

Chemicals:

Chemical: HYDRAULIC FLUID
Quantity: 20 gallons
Chemical: HYDRAULIC FLUID
Quantity: 40 gallons

Actions:

Action Type: Immediate Response Action
Action Status: Oral Approval of Plan or Action
Action Date: 5/27/2011
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: Release Disposition
Action Status: Reportable Release under MGL 21E
Action Date: 5/27/2011
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: A Notice sent to a Potentially Responsible Party (PRP)
Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.
Action Date: 6/22/2011
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: RNF
Action Status: Reportable Release under MGL 21E
Action Date: 7/25/2011
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: Response Action Outcome - RAO
Action Status: Level I - Technical Screen Audit

Map ID
Direction
Distance
Elevation

Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

INTERSECTION OF RTE 114 AND RTE 62 (Continued)

S121826572

Action Date: 7/25/2011
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: Response Action Outcome - RAO
Action Status: RAO Statement Received
Action Date: 7/25/2011
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: RNFE
Action Status: Transmittal, Notice, or Notification Received
Action Date: 7/25/2011
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Release Tracking Number/Current Status: 3-0030031 / RAO
Release Town: MIDDLETON
Notification Date: 05/27/2011
Category: TWO HR
Associated ID: Not reported
Current Status: Response Action Outcome
Status Date: 07/25/2011
Phase: Not reported
Response Action Outcome: A1 - A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.
Oil Or Haz Material: Oil
Location Type: ROADWAY
Source: VEHICLE
Source: TANK
Source: SADDLE

[Click here to access the MA DEP site for this facility:](#)

Chemicals:

Chemical: HYDRAULIC FLUID
Quantity: 20 gallons
Chemical: HYDRAULIC FLUID
Quantity: 40 gallons

Actions:

Action Type: Immediate Response Action
Action Status: Oral Approval of Plan or Action
Action Date: 5/27/2011
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: Release Disposition
Action Status: Reportable Release under MGL 21E
Action Date: 5/27/2011
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: A Notice sent to a Potentially Responsible Party (PRP)
Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.)

Map ID	MAP FINDINGS	
Direction		
Distance		
Elevation		
Site	Database(s)	EDR ID Number EPA ID Number

INTERSECTION OF RTE 114 AND RTE 62 (Continued) S121826572

Action Date:	6/22/2011
Response Action Outcome:	A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.
Action Type:	RNF
Action Status:	Reportable Release under MGL 21E
Action Date:	7/25/2011
Response Action Outcome:	A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.
Action Type:	Response Action Outcome - RAO
Action Status:	Level I - Technical Screen Audit
Action Date:	7/25/2011
Response Action Outcome:	A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.
Action Type:	Response Action Outcome - RAO
Action Status:	RAO Statement Received
Action Date:	7/25/2011
Response Action Outcome:	A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.
Action Type:	RNFE
Action Status:	Transmittal, Notice, or Notification Received
Action Date:	7/25/2011
Response Action Outcome:	A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Release:

Release Tracking Number/Current Status:	3-0030031 / RAO
Primary ID:	Not reported
Official City:	MIDDLETON
Notification:	05/27/2011
Category:	TWO HR
Status Date:	07/25/2011
Phase:	Not reported
Response Action Outcome:	A1 - A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.
Oil / Haz Material Type:	Oil

[Click here to access the MA DEP site for this facility:](#)

Actions:

Action Type:	Immediate Response Action
Action Status:	Oral Approval of Plan or Action
Action Date:	5/27/2011
Response Action Outcome:	A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.
Action Type:	Release Disposition
Action Status:	Reportable Release under MGL 21E
Action Date:	5/27/2011
Response Action Outcome:	A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

INTERSECTION OF RTE 114 AND RTE 62 (Continued)

S121826572

Action Type:	A Notice sent to a Potentially Responsible Party (PRP)
Action Status:	A MassDEP piece of correspondence was issued (approvals, NORs, etc.
Action Date:	6/22/2011
Response Action Outcome:	A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.
Action Type:	RNF
Action Status:	Reportable Release under MGL 21E
Action Date:	7/25/2011
Response Action Outcome:	A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.
Action Type:	Response Action Outcome - RAO
Action Status:	Level I - Technical Screen Audit
Action Date:	7/25/2011
Response Action Outcome:	A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.
Action Type:	Response Action Outcome - RAO
Action Status:	RAO Statement Received
Action Date:	7/25/2011
Response Action Outcome:	A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.
Action Type:	RNFE
Action Status:	Transmittal, Notice, or Notification Received
Action Date:	7/25/2011
Response Action Outcome:	A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Chemicals:	
Chemical:	HYDRAULIC FLUID
Quantity:	20 gallons
Chemical:	HYDRAULIC FLUID
Quantity:	40 gallons
Location Type:	ROADWAY
Source:	VEHICLE
Source:	TANK
Source:	SADDLE

A5 CUMBERLAND FARMS #2471
North 4 SOUTH MAIN ST
1/2-1 MIDDLETON, MA 01949
0.528 mi.
2787 ft. Site 2 of 4 in cluster A

SHWS 1000521244
UST N/A
RELEASE

Relative:	SHWS:
Lower	Release Tracking Number/Current Status: 3-0033281 / PSNC
Actual:	Release Town: MIDDLETON
80 ft.	Notification Date: 11/23/2015
	Category: 120 DY
	Associated ID: Not reported
	Current Status: PSNC
	Status Date: 11/22/2016
	Phase: PHASE II
	Response Action Outcome: PN - PN
	Oil Or Haz Material: Hazardous Material

Map ID
Direction
Distance
Elevation

Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

CUMBERLAND FARMS #2471 (Continued)

1000521244

Source: UNKNOWN

Click here to access the MA DEP site for this facility:

Chemicals:

Chemical: 2-METHYLNAPHTHALENE
Quantity: 4.57 micrograms per gallon
Chemical: 1,1'-BIPHENYL, CHLORO-DERIVS.
Quantity: 1.45 milligrams per kilogram
Chemical: ACENAPHTHYLENE
Quantity: 2.54 micrograms per gallon
Chemical: LEAD
Quantity: 348 micrograms per gallon

Actions:

Action Type: Phase 1
Action Status: Completion Statement Received
Action Date: 11/22/2016
Response Action Outcome: PN

Action Type: Response Action Outcome - RAO
Action Status: PSNRCD
Action Date: 11/22/2016
Response Action Outcome: PN

Action Type: Release Disposition
Action Status: Reportable Release under MGL 21E
Action Date: 11/23/2015
Response Action Outcome: PN

Action Type: RNFE
Action Status: Transmittal, Notice, or Notification Received
Action Date: 11/23/2015
Response Action Outcome: PN

Action Type: RNF
Action Status: Reportable Release under MGL 21E
Action Date: 11/23/2015
Response Action Outcome: PN

Action Type: Response Action Outcome - RAO
Action Status: Fee Received - FMCRA Use Only
Action Date: 11/28/2016
Response Action Outcome: PN

Action Type: RNFE
Action Status: Revised Statement or Transmittal Received
Action Date: 12/31/2015
Response Action Outcome: PN

Action Type: Release Disposition
Action Status: Reportable Release under MGL 21E
Action Date: 12/31/2015
Response Action Outcome: PN

Action Type: A Notice sent to a Potentially Responsible Party (PRP)

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

CUMBERLAND FARMS #2471 (Continued)

1000521244

Action Status:	A MassDEP piece of correspondence was issued (approvals, NORs, etc.
Action Date:	12/4/2015
Response Action Outcome:	PN
Action Type:	A Notice sent to a Potentially Responsible Party (PRP)
Action Status:	ALSENT
Action Date:	9/7/2016
Response Action Outcome:	PN

UST:

Facility:

Facility ID:	5629
Owner Id:	1602
Owner:	CUMBERLAND FARMS INC
Owner Address:	165 Flanders Road
Owner City,St,Zip:	Westborough, MA 01581
Telephone:	9787748600
Description:	Retail Motor Vehicle Fuel
Facility address 2:	Not reported
Owner address 2:	Not reported
Latitude:	42.59465
Longitude:	-71.01473
Contact name:	Angela Pimental
Contact address1:	165 Flanders Road
Contact address2:	Not reported
Contact city:	Westborough
Contact state:	MA
Contact zip:	01581
Contact email:	apimental@cumberlandfarms.com
Update:	2018-06-18 00:00:00
Update by:	Angela Pimental
Fac status:	OPEN

Facility ID:	5629
Owner Id:	1602
Owner:	CUMBERLAND FARMS INC
Owner Address:	165 Flanders Road
Owner City,St,Zip:	Westborough, MA 01581
Telephone:	9787748600
Description:	Retail Motor Vehicle Fuel
Facility address 2:	Not reported
Owner address 2:	Not reported
Latitude:	42.59465
Longitude:	-71.01473
Contact name:	Angela Pimental
Contact address1:	165 Flanders Road
Contact address2:	Not reported
Contact city:	Westborough
Contact state:	MA
Contact zip:	01581
Contact email:	apimental@cumberlandfarms.com
Update:	2018-06-18 00:00:00
Update by:	Angela Pimental
Fac status:	OPEN

Map ID
Direction
Distance
Elevation

Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

CUMBERLAND FARMS #2471 (Continued)

1000521244

Tank ID: 1
Tank Status: **Tank Removed**
Status Date: 10/04/1991
Date Installed: 03/08/1971
Capacity: 6000.00000
Contents: Gasoline
Tank Usage: Not reported
Tank Leak Detection: Not reported
Pipe Leak Detection: Not reported
Latitude: Not reported
Longitude: Not reported
Tank construct: Not reported
Pipe construct: Not reported
Ptype: Not reported
Number of compartment: Not reported
Pipe install date: Not reported
Pipe leak install date: Not reported
Submersible sump: N
Submersible sump install date: Not reported
Turbine sump: N
Turbine sump sensor: N
Intermediate sump: N
Intermediate sump sensor: N
Spill bucket installed date: Not reported
Spill bucket sensor: N
Overflow protect install: Not reported
Overflow protect type: Not reported
Automatic line leak detect: Not reported
Tank corrosion type: Not reported
Leak corrosion type: Not reported

Tank ID: 2
Tank Status: **Tank Removed**
Status Date: 10/04/1991
Date Installed: 03/08/1971
Capacity: 6000.00000
Contents: Gasoline
Tank Usage: Not reported
Tank Leak Detection: Not reported
Pipe Leak Detection: Not reported
Latitude: Not reported
Longitude: Not reported
Tank construct: Not reported
Pipe construct: Not reported
Ptype: Not reported
Number of compartment: Not reported
Pipe install date: Not reported
Pipe leak install date: Not reported
Submersible sump: N
Submersible sump install date: Not reported
Turbine sump: N
Turbine sump sensor: N
Intermediate sump: N
Intermediate sump sensor: N
Spill bucket installed date: Not reported
Spill bucket sensor: N

Map ID
Direction
Distance
Elevation

Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

CUMBERLAND FARMS #2471 (Continued)

1000521244

Overfill protect install: Not reported
Overfill protect type: Not reported
Automatic line leak detect: Not reported
Tank corrosion type: Not reported
Leak corrosion type: Not reported

Tank ID: 3
Tank Status: **Tank Removed**
Status Date: 10/04/1991
Date Installed: 03/08/1971
Capacity: 6000.00000
Contents: Gasoline
Tank Usage: Not reported
Tank Leak Detection: Not reported
Pipe Leak Detection: Not reported
Latitude: Not reported
Longitude: Not reported
Tank construct: Not reported
Pipe construct: Not reported
Ptype: Not reported
Number of compartment: Not reported
Pipe install date: Not reported
Pipe leak install date: Not reported
Submersible sump: N
Submersible sump install date: Not reported
Turbine sump: N
Turbine sump sensor: N
Intermediate sump: N
Intermediate sump sensor: N
Spill bucket installed date: Not reported
Spill bucket sensor: N
Overfill protect install: Not reported
Overfill protect type: Not reported
Automatic line leak detect: Not reported
Tank corrosion type: Not reported
Leak corrosion type: Not reported

Tank ID: 4
Tank Status: **Tank Removed**
Status Date: 10/04/1991
Date Installed: 03/08/1971
Capacity: 1000.00000
Contents: Waste Oil
Tank Usage: Not reported
Tank Leak Detection: Not reported
Pipe Leak Detection: Not reported
Latitude: Not reported
Longitude: Not reported
Tank construct: Not reported
Pipe construct: Not reported
Ptype: Not reported
Number of compartment: Not reported
Pipe install date: Not reported
Pipe leak install date: Not reported
Submersible sump: N

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

CUMBERLAND FARMS #2471 (Continued)

1000521244

Submersible sump install date: Not reported
Turbine sump: N
Turbine sump sensor: N
Intermediate sump: N
Intermediate sump sensor: N
Spill bucket installed date: Not reported
Spill bucket sensor: N
Overfill protect install: Not reported
Overfill protect type: Not reported
Automatic line leak detect: Not reported
Tank corrosion type: Not reported
Leak corrosion type: Not reported

Tank ID: 5
Tank Status: **Tank Removed**
Status Date: 09/07/2017
Date Installed: 09/01/1991
Capacity: 12000.00000
Contents: Gasoline
Tank Usage: Motor Vehi
Tank Leak Detection: Continuous Interstitial Monitoring
Pipe Leak Detection: Continuous Interstitial Space Monitoring
Latitude: Not reported
Longitude: Not reported
Tank construct: Double-walled non-corrodible (including "composite") material (cathodic protection not required)
Pipe construct: Double-walled non-corrodible material (No corrosion protection required)
Ptype: Pressurized piping system with mechanical automatic line leak detection
Number of compartment: Not reported
Pipe install date: 09/01/1991
Pipe leak install date: Not reported
Submersible sump: Y
Submersible sump install date: Not reported
Turbine sump: Y
Turbine sump sensor: Y
Intermediate sump: N
Intermediate sump sensor: N
Spill bucket installed date: Not reported
Spill bucket sensor: N
Overfill protect install: Not reported
Overfill protect type: Automatic shut-off valve
Automatic line leak detect: Not reported
Tank corrosion type: Not reported
Leak corrosion type: Not reported

Tank ID: 6
Tank Status: **Tank Removed**
Status Date: 09/07/2017
Date Installed: 09/01/1991
Capacity: 12000.00000
Contents: Gasoline
Tank Usage: Motor Vehi
Tank Leak Detection: Continuous Interstitial Monitoring
Pipe Leak Detection: Continuous Interstitial Space Monitoring
Latitude: Not reported
Longitude: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

CUMBERLAND FARMS #2471 (Continued)

1000521244

Tank construct: Double-walled non-corrodible (including "composite") material (cathodic protection not required)
Pipe construct: Double-walled non-corrodible material (No corrosion protection required)
Ptype: Pressurized piping system with mechanical automatic line leak detection
Number of compartment: Not reported
Pipe install date: 09/01/1991
Pipe leak install date: Not reported
Submersible sump: Y
Submersible sump install date: Not reported
Turbine sump: Y
Turbine sump sensor: Y
Intermediate sump: N
Intermediate sump sensor: N
Spill bucket installed date: Not reported
Spill bucket sensor: N
Overfill protect install: Not reported
Overfill protect type: Automatic shut-off valve
Automatic line leak detect: Not reported
Tank corrosion type: Not reported
Leak corrosion type: Not reported

Tank ID: 7
Tank Status: **Tank Removed**
Status Date: 09/07/2017
Date Installed: 09/01/1991
Capacity: 12000.00000
Contents: Gasoline
Tank Usage: Motor Vehi
Tank Leak Detection: Continuous Interstitial Monitoring
Pipe Leak Detection: Continuous Interstitial Space Monitoring
Latitude: Not reported
Longitude: Not reported
Tank construct: Double-walled non-corrodible (including "composite") material (cathodic protection not required)
Pipe construct: Double-walled non-corrodible material (No corrosion protection required)
Ptype: Pressurized piping system with mechanical automatic line leak detection
Number of compartment: Not reported
Pipe install date: 09/01/1991
Pipe leak install date: Not reported
Submersible sump: Y
Submersible sump install date: Not reported
Turbine sump: Y
Turbine sump sensor: Y
Intermediate sump: N
Intermediate sump sensor: N
Spill bucket installed date: Not reported
Spill bucket sensor: N
Overfill protect install: Not reported
Overfill protect type: Automatic shut-off valve
Automatic line leak detect: Not reported
Tank corrosion type: Not reported
Leak corrosion type: Not reported

Tank ID: 8
Tank Status: **In Use**
Status Date: 06/18/2018
Date Installed: 10/19/2017

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

CUMBERLAND FARMS #2471 (Continued)

1000521244

Capacity: 8000.00000
Contents: Gasoline
Tank Usage: Motor Vehi
Tank Leak Detection: Continuous Interstitial Monitoring
Pipe Leak Detection: Continuous Interstitial Space Monitoring
Latitude: 42.59482
Longitude: -71.01520
Tank construct: Double-walled non-corrodible (including "composite") material (cathodic protection not required)
Pipe construct: Double-walled non-corrodible material (No corrosion protection required)
Ptype: Pressurized piping system with electronic automatic line leak detection
Number of compartment: Not reported
Pipe install date: 10/19/2017
Pipe leak install date: Not reported
Submersible sump: Y
Submersible sump install date: Not reported
Turbine sump: Y
Turbine sump sensor: Y
Intermediate sump: N
Intermediate sump sensor: N
Spill bucket installed date: Not reported
Spill bucket sensor: N
Overfill protect install: Not reported
Overfill protect type: Automatic shut-off valve
Automatic line leak detect: Not reported
Tank corrosion type: Not reported
Leak corrosion type: Not reported

Tank ID: 8
Tank Status: In Use
Status Date: 06/18/2018
Date Installed: 10/19/2017
Capacity: 12000.00000
Contents: Gasoline
Tank Usage: Motor Vehi
Tank Leak Detection: Continuous Interstitial Monitoring
Pipe Leak Detection: Continuous Interstitial Space Monitoring
Latitude: 42.59482
Longitude: -71.01520
Tank construct: Double-walled non-corrodible (including "composite") material (cathodic protection not required)
Pipe construct: Double-walled non-corrodible material (No corrosion protection required)
Ptype: Pressurized piping system with electronic automatic line leak detection
Number of compartment: Not reported
Pipe install date: 10/19/2017
Pipe leak install date: Not reported
Submersible sump: Y
Submersible sump install date: Not reported
Turbine sump: Y
Turbine sump sensor: Y
Intermediate sump: N
Intermediate sump sensor: N
Spill bucket installed date: Not reported
Spill bucket sensor: N
Overfill protect install: Not reported
Overfill protect type: Automatic shut-off valve
Automatic line leak detect: Not reported
Tank corrosion type: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

CUMBERLAND FARMS #2471 (Continued)

1000521244

Leak corrosion type: Not reported

Tank ID: 9
Tank Status: In Use
Status Date: 06/18/2018
Date Installed: 10/19/2017
Capacity: 12000.00000
Contents: Gasoline
Tank Usage: Motor Vehi
Tank Leak Detection: Continuous Interstitial Monitoring
Pipe Leak Detection: Continuous Interstitial Space Monitoring
Latitude: 42.59484
Longitude: -71.01523
Tank construct: Double-walled non-corrodible (including "composite") material (cathodic protection not required)
Pipe construct: Double-walled non-corrodible material (No corrosion protection required)
Ptype: Pressurized piping system with electronic automatic line leak detection
Number of compartment: Not reported
Pipe install date: 10/19/2017
Pipe leak install date: Not reported
Submersible sump: Y
Submersible sump install date: Not reported
Turbine sump: Y
Turbine sump sensor: Y
Intermediate sump: N
Intermediate sump sensor: N
Spill bucket installed date: Not reported
Spill bucket sensor: N
Overfill protect install: Not reported
Overfill protect type: Automatic shut-off valve
Automatic line leak detect: Not reported
Tank corrosion type: Not reported
Leak corrosion type: Not reported

Tank ID: 9
Tank Status: In Use
Status Date: 06/18/2018
Date Installed: 10/19/2017
Capacity: 8000.00000
Contents: Diesel
Tank Usage: Motor Vehi
Tank Leak Detection: Continuous Interstitial Monitoring
Pipe Leak Detection: Continuous Interstitial Space Monitoring
Latitude: 42.59484
Longitude: -71.01523
Tank construct: Double-walled non-corrodible (including "composite") material (cathodic protection not required)
Pipe construct: Double-walled non-corrodible material (No corrosion protection required)
Ptype: Pressurized piping system with electronic automatic line leak detection
Number of compartment: Not reported
Pipe install date: 10/19/2017
Pipe leak install date: Not reported
Submersible sump: Y
Submersible sump install date: Not reported
Turbine sump: Y
Turbine sump sensor: Y
Intermediate sump: N

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

CUMBERLAND FARMS #2471 (Continued)

1000521244

Intermediate sump sensor: N
Spill bucket installed date: Not reported
Spill bucket sensor: N
Overfill protect install: Not reported
Overfill protect type: Automatic shut-off valve
Automatic line leak detect: Not reported
Tank corrosion type: Not reported
Leak corrosion type: Not reported

Release:

Release Tracking Number/Current Status: 3-0033281 / PSNC
Primary ID: Not reported
Official City: MIDDLETON
Notification: 11/23/2015
Category: 120 DY
Status Date: 11/22/2016
Phase: PHASE II
Response Action Outcome: PN - PN
Oil / Haz Material Type: Hazardous Material

[Click here to access the MA DEP site for this facility:](#)

Actions:

Action Type: Phase 1
Action Status: Completion Statement Received
Action Date: 11/22/2016
Response Action Outcome: PN

Action Type: Response Action Outcome - RAO
Action Status: PSNRCD
Action Date: 11/22/2016
Response Action Outcome: PN

Action Type: Release Disposition
Action Status: Reportable Release under MGL 21E
Action Date: 11/23/2015
Response Action Outcome: PN

Action Type: RNFE
Action Status: Transmittal, Notice, or Notification Received
Action Date: 11/23/2015
Response Action Outcome: PN

Action Type: RNF
Action Status: Reportable Release under MGL 21E
Action Date: 11/23/2015
Response Action Outcome: PN

Action Type: Response Action Outcome - RAO
Action Status: Fee Received - FMCRA Use Only
Action Date: 11/28/2016
Response Action Outcome: PN

Action Type: RNFE
Action Status: Revised Statement or Transmittal Received
Action Date: 12/31/2015

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

CUMBERLAND FARMS #2471 (Continued)

1000521244

Response Action Outcome:	PN
Action Type:	Release Disposition
Action Status:	Reportable Release under MGL 21E
Action Date:	12/31/2015
Response Action Outcome:	PN
Action Type:	A Notice sent to a Potentially Responsible Party (PRP)
Action Status:	A MassDEP piece of correspondence was issued (approvals, NORs, etc.)
Action Date:	12/4/2015
Response Action Outcome:	PN
Action Type:	A Notice sent to a Potentially Responsible Party (PRP)
Action Status:	ALSENT
Action Date:	9/7/2016
Response Action Outcome:	PN
Chemicals:	
Chemical:	2-METHYLNAPHTHALENE
Quantity:	4.57 micrograms per gallon
Chemical:	1,1'-BIPHENYL, CHLORO-DERIVS.
Quantity:	1.45 milligrams per kilogram
Chemical:	ACENAPHTHYLENE
Quantity:	2.54 micrograms per gallon
Chemical:	LEAD
Quantity:	348 micrograms per gallon
Source:	UNKNOWN

A6 **NO LOCATION AID**
North **4 SOUTH MAIN ST**
1/2-1 **MIDDLETON, MA 01949**
0.528 mi.
2787 ft. **Site 3 of 4 in cluster A**

SHWS S121826535
RELEASE N/A

Relative: SHWS:
Lower Release Tracking Number/Current Status: 3-0019822 / RAO
Actual: Release Town: MIDDLETON
80 ft. Notification Date: 08/01/2000
 Category: 120 DY
 Associated ID: Not reported
 Current Status: **Response Action Outcome**
 Status Date: 07/18/2003
 Phase: PHASE III
 Response Action Outcome: B1 - Remedial actions have not been conducted because a level of No Significant Risk exists.
 Oil Or Haz Material: Oil and Hazardous Material

Click here to access the MA DEP site for this facility:

Chemicals:
Chemical: LEAD
Quantity: 267 micrograms per liter
Chemical: C11 THRU C22 AROMATIC HYDROCARBONS
Quantity: 820 milligrams per kilogram
Chemical: C9 THRU C12 ALIPHATIC HYDROCARBONS
Quantity: 1600 micrograms per liter

Map ID	MAP FINDINGS		
Direction			
Distance			EDR ID Number
Elevation	Site	Database(s)	EPA ID Number

NO LOCATION AID (Continued)
S121826535

Chemical:	C9 THRU C18 ALIPHATIC HYDROCARBONS		
Quantity:	39000 micrograms per liter		
Chemical:	NAPHTHALENE		
Quantity:	30 milligrams per kilogram		
Actions:			
Action Type:	A Notice sent to a Potentially Responsible Party (PRP)		
Action Status:	A MassDEP piece of correspondence was issued (approvals, NORs, etc.		
Action Date:	10/17/2000		
Response Action Outcome:	Remedial actions have not been conducted because a level of No Significant Risk exists.		
Action Type:	Response Action Outcome - RAO		
Action Status:	RAO Statement Received		
Action Date:	7/18/2003		
Response Action Outcome:	Remedial actions have not been conducted because a level of No Significant Risk exists.		
Action Type:	Phase 2		
Action Status:	Completion Statement Received		
Action Date:	7/18/2003		
Response Action Outcome:	Remedial actions have not been conducted because a level of No Significant Risk exists.		
Action Type:	Tier Classification		
Action Status:	Tier 2 Classification		
Action Date:	7/31/2001		
Response Action Outcome:	Remedial actions have not been conducted because a level of No Significant Risk exists.		
Action Type:	Tier Classification		
Action Status:	Transmittal, Notice, or Notification Received		
Action Date:	7/31/2001		
Response Action Outcome:	Remedial actions have not been conducted because a level of No Significant Risk exists.		
Action Type:	Tier Classification		
Action Status:	Legal Notice Published		
Action Date:	7/31/2001		
Response Action Outcome:	Remedial actions have not been conducted because a level of No Significant Risk exists.		
Action Type:	Phase 2		
Action Status:	Scope of Work Received		
Action Date:	7/31/2001		
Response Action Outcome:	Remedial actions have not been conducted because a level of No Significant Risk exists.		
Action Type:	Phase 1		
Action Status:	Completion Statement Received		
Action Date:	7/31/2001		
Response Action Outcome:	Remedial actions have not been conducted because a level of No Significant Risk exists.		
Action Type:	Release Disposition		
Action Status:	Reportable Release under MGL 21E		
Action Date:	8/1/2000		
Response Action Outcome:	Remedial actions have not been conducted because a level of No Significant Risk exists.		

Map ID	Site	MAP FINDINGS	Database(s)	EDR ID Number
Direction				EPA ID Number
Distance				
Elevation				

NO LOCATION AID (Continued)
S121826535

Significant Risk exists.

Action Type: RNF
 Action Status: Reportable Release under MGL 21E
 Action Date: 8/1/2000
 Response Action Outcome: Remedial actions have not been conducted because a level of No Significant Risk exists.

Release:

Release Tracking Number/Current Status: 3-0019822 / RAO
 Primary ID: Not reported
 Official City: MIDDLETON
 Notification: 08/01/2000
 Category: 120 DY
 Status Date: 07/18/2003
 Phase: PHASE III
 Response Action Outcome: B1 - Remedial actions have not been conducted because a level of No Significant Risk exists.
 Oil / Haz Material Type: Oil and Hazardous Material

[Click here to access the MA DEP site for this facility:](#)

Actions:

Action Type: A Notice sent to a Potentially Responsible Party (PRP)
 Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.
 Action Date: 10/17/2000
 Response Action Outcome: Remedial actions have not been conducted because a level of No Significant Risk exists.

Action Type: Response Action Outcome - RAO
 Action Status: RAO Statement Received
 Action Date: 7/18/2003
 Response Action Outcome: Remedial actions have not been conducted because a level of No Significant Risk exists.

Action Type: Phase 2
 Action Status: Completion Statement Received
 Action Date: 7/18/2003
 Response Action Outcome: Remedial actions have not been conducted because a level of No Significant Risk exists.

Action Type: Tier Classification
 Action Status: Tier 2 Classification
 Action Date: 7/31/2001
 Response Action Outcome: Remedial actions have not been conducted because a level of No Significant Risk exists.

Action Type: Tier Classification
 Action Status: Transmittal, Notice, or Notification Received
 Action Date: 7/31/2001
 Response Action Outcome: Remedial actions have not been conducted because a level of No Significant Risk exists.

Action Type: Tier Classification
 Action Status: Legal Notice Published

Map ID	Site	MAP FINDINGS	Database(s)	EDR ID Number
Direction				EPA ID Number
Distance				
Elevation				

NO LOCATION AID (Continued)
S121826535

Action Date:	7/31/2001
Response Action Outcome:	Remedial actions have not been conducted because a level of No Significant Risk exists.
Action Type:	Phase 2
Action Status:	Scope of Work Received
Action Date:	7/31/2001
Response Action Outcome:	Remedial actions have not been conducted because a level of No Significant Risk exists.
Action Type:	Phase 1
Action Status:	Completion Statement Received
Action Date:	7/31/2001
Response Action Outcome:	Remedial actions have not been conducted because a level of No Significant Risk exists.
Action Type:	Release Disposition
Action Status:	Reportable Release under MGL 21E
Action Date:	8/1/2000
Response Action Outcome:	Remedial actions have not been conducted because a level of No Significant Risk exists.
Action Type:	RNF
Action Status:	Reportable Release under MGL 21E
Action Date:	8/1/2000
Response Action Outcome:	Remedial actions have not been conducted because a level of No Significant Risk exists.
Chemicals:	
Chemical:	LEAD
Quantity:	267 micrograms per liter
Chemical:	C11 THRU C22 AROMATIC HYDROCARBONS
Quantity:	820 milligrams per kilogram
Chemical:	C9 THRU C12 ALIPHATIC HYDROCARBONS
Quantity:	1600 micrograms per liter
Chemical:	C9 THRU C18 ALIPHATIC HYDROCARBONS
Quantity:	39000 micrograms per liter
Chemical:	NAPHTHALENE
Quantity:	30 milligrams per kilogram

A7	EXXON R/S 3-0364--JCT RTE 114 & RTE 62	SHWS	S121826486
North	4 SOUTH MAIN ST	RELEASE	N/A
1/2-1	MIDDLETON, MA 01949		
0.528 mi.			
2787 ft.	Site 4 of 4 in cluster A		
Relative:	SHWS:		
Lower	Release Tracking Number/Current Status: 3-0011778 / RAO		
Actual:	Release Town: MIDDLETON		
80 ft.	Notification Date: 10/25/1994		
	Category: 120 DY		
	Associated ID: Not reported		
	Current Status: Response Action Outcome		
	Status Date: 11/07/1997		
	Phase: PHASE III		
	Response Action Outcome: A2 - A permanent solution has been achieved. Contamination has not been reduced to background.		

Map ID
Direction
Distance
Elevation

Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

EXXON R/S 3-0364--JCT RTE 114 & RTE 62 (Continued)

S121826486

Oil Or Haz Material: Oil

[Click here to access the MA DEP site for this facility:](#)

Chemicals:

Chemical: TPH
Quantity: 7231 parts per million

Actions:

Action Type: Release Disposition
Action Status: Reportable Release under MGL 21E
Action Date: 10/25/1994
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RNF
Action Status: Reportable Release under MGL 21E
Action Date: 10/25/1994
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Tier Classification
Action Status: Tier 2 Classification
Action Date: 10/25/1995
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Tier Classification
Action Status: Transmittal, Notice, or Notification Received
Action Date: 10/25/1995
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Phase 1
Action Status: Completion Statement Received
Action Date: 10/25/1995
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Phase 2
Action Status: Completion Statement Received
Action Date: 10/30/1997
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Tier Classification
Action Status: Legal Notice Published
Action Date: 11/2/1995
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Response Action Outcome - RAO
Action Status: RAO Statement Received
Action Date: 11/7/1997
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Map ID
Direction
Distance
Elevation

Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

EXXON R/S 3-0364--JCT RTE 114 & RTE 62 (Continued)

S121826486

Action Type: A Notice sent to a Potentially Responsible Party (PRP)
Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.)
Action Date: 12/1/1994
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Phase 2
Action Status: Scope of Work Received
Action Date: 3/19/1997
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Release:

Release Tracking Number/Current Status: 3-0011778 / RAO
Primary ID: Not reported
Official City: MIDDLETON
Notification: 10/25/1994
Category: 120 DY
Status Date: 11/07/1997
Phase: PHASE III
Response Action Outcome: A2 - A permanent solution has been achieved. Contamination has not been reduced to background.
Oil / Haz Material Type: Oil

[Click here to access the MA DEP site for this facility:](#)

Actions:

Action Type: Release Disposition
Action Status: Reportable Release under MGL 21E
Action Date: 10/25/1994
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RNF
Action Status: Reportable Release under MGL 21E
Action Date: 10/25/1994
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Tier Classification
Action Status: Tier 2 Classification
Action Date: 10/25/1995
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Tier Classification
Action Status: Transmittal, Notice, or Notification Received
Action Date: 10/25/1995
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Phase 1
Action Status: Completion Statement Received
Action Date: 10/25/1995
Response Action Outcome: A permanent solution has been achieved. Contamination has not been

Map ID	Site	MAP FINDINGS	Database(s)	EDR ID Number
Direction				EPA ID Number
Distance				
Elevation				

EXXON R/S 3-0364--JCT RTE 114 & RTE 62 (Continued) S121826486

reduced to background.

Action Type: Phase 2
 Action Status: Completion Statement Received
 Action Date: 10/30/1997
 Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Tier Classification
 Action Status: Legal Notice Published
 Action Date: 11/2/1995
 Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Response Action Outcome - RAO
 Action Status: RAO Statement Received
 Action Date: 11/7/1997
 Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: A Notice sent to a Potentially Responsible Party (PRP)
 Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.
 Action Date: 12/1/1994
 Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Phase 2
 Action Status: Scope of Work Received
 Action Date: 3/19/1997
 Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Chemicals:
 Chemical: TPH
 Quantity: 7231 parts per million

8 COMMERCIAL PROPERTY SHWS S100829200
 North 2-20 NORTH MAIN ST RELEASE N/A
 1/2-1 MIDDLETON, MA 01949

0.544 mi.
 2873 ft.

Relative: SHWS:
Higher Release Tracking Number/Current Status: 3-0004338 / WCSPRM
Actual: Release Town: MIDDLETON
99 ft. Notification Date: 07/15/1993
 Category: NONE
 Associated ID: Not reported
Current Status: **Waiver Completion Statement Permanent**
 Status Date: 12/28/1993
 Phase: Not reported
 Response Action Outcome:
 Oil Or Haz Material: Oil
 Location Type: FORMER
 Location Type: MANUFACT
 Source: UNKNOWN

Map ID
Direction
Distance
Elevation

Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

COMMERCIAL PROPERTY (Continued)

S100829200

Click here to access the MA DEP site for this facility:

Chemicals:

Chemical: PETROLEUM
Quantity: Not reported

Actions:

Action Type: TREGS
Action Status: WCSPRM
Action Date: 12/28/1993
Response Action Outcome: Not reported

Action Type: TREGS
Action Status: WAVREC
Action Date: 2/12/1993
Response Action Outcome: Not reported

Action Type: TAG
Action Status: GRNTST
Action Date: 4/1/1997
Response Action Outcome: Not reported

Action Type: TREGS
Action Status: WAVACC
Action Date: 4/17/1993
Response Action Outcome: Not reported

Action Type: TREGS
Action Status: WAVSIG
Action Date: 4/7/1993
Response Action Outcome: Not reported

Action Type: TAG
Action Status: GRNTEN
Action Date: 6/30/1998
Response Action Outcome: Not reported

Action Type: Release Disposition
Action Status: Valid Transition Site
Action Date: 7/15/1993
Response Action Outcome: Not reported

Release:

Release Tracking Number/Current Status: 3-0004338 / WCSPRM
Primary ID: Not reported
Official City: MIDDLETON
Notification: 07/15/1993
Category: NONE
Status Date: 12/28/1993
Phase: Not reported
Response Action Outcome: -
Oil / Haz Material Type: Oil

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

COMMERCIAL PROPERTY (Continued)

S100829200

Click here to access the MA DEP site for this facility:

Actions:

Action Type: TREGS
Action Status: WCSPRM
Action Date: 12/28/1993
Response Action Outcome: Not reported

Action Type: TREGS
Action Status: WAVREC
Action Date: 2/12/1993
Response Action Outcome: Not reported

Action Type: TAG
Action Status: GRNTST
Action Date: 4/1/1997
Response Action Outcome: Not reported

Action Type: TREGS
Action Status: WAVACC
Action Date: 4/17/1993
Response Action Outcome: Not reported

Action Type: TREGS
Action Status: WAVSIG
Action Date: 4/7/1993
Response Action Outcome: Not reported

Action Type: TAG
Action Status: GRNTEN
Action Date: 6/30/1998
Response Action Outcome: Not reported

Action Type: Release Disposition
Action Status: Valid Transition Site
Action Date: 7/15/1993
Response Action Outcome: Not reported

Chemicals:

Chemical: PETROLEUM
Quantity: Not reported
Location Type: FORMER
Location Type: MANUFACT
Source: UNKNOWN

9 NO LOCATION AID
North 29 MAIN ST
1/2-1 MIDDLETON, MA 01949
0.621 mi.
3277 ft.

SHWS S104482354
RELEASE N/A

Relative: SHWS:
Higher Release Tracking Number/Current Status: 3-0018950 / RAO
Actual: Release Town: MIDDLETON
112 ft. Notification Date: 11/10/1999
Category: 120 DY
Associated ID: Not reported

Map ID
Direction
Distance
Elevation

Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

NO LOCATION AID (Continued)

S104482354

Current Status:

Status Date:

Phase:

Response Action Outcome:

Oil Or Haz Material:

Response Action Outcome

11/03/2000

Not reported

A2 - A permanent solution has been achieved. Contamination has not been reduced to background.

Oil

Click here to access the MA DEP site for this facility:

Chemicals:

Chemical:

C9 THRU C10 AROMATIC HYDROCARBONS

Quantity:

131 parts per million

Chemical:

C11 THRU C22 AROMATIC HYDROCARBONS

Quantity:

479 parts per million

Actions:

Action Type:

RNF

Action Status:

Reportable Release under MGL 21E

Action Date:

11/10/1999

Response Action Outcome:

A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type:

Release Disposition

Action Status:

Reportable Release under MGL 21E

Action Date:

11/10/1999

Response Action Outcome:

A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type:

Release Abatement Measure

Action Status:

Written Plan Received

Action Date:

11/19/1999

Response Action Outcome:

A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type:

Response Action Outcome - RAO

Action Status:

RAO Statement Received

Action Date:

11/3/2000

Response Action Outcome:

A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type:

Release Abatement Measure

Action Status:

Fee Received - FMCRA Use Only

Action Date:

12/7/1999

Response Action Outcome:

A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type:

Response Action Outcome - RAO

Action Status:

Fee Received - FMCRA Use Only

Action Date:

4/11/2000

Response Action Outcome:

A permanent solution has been achieved. Contamination has not been reduced to background.

Release Tracking Number/Current Status: 3-0016792 / RAONR

Release Town: MIDDLETON

Notification Date: 05/06/1998

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

NO LOCATION AID (Continued)

S104482354

Category: 120 DY
Associated ID: Not reported
Current Status: **Response Action Outcome Not Required**
Status Date: 04/20/1999
Phase: Not reported
Response Action Outcome: -
Oil Or Haz Material: Oil and Hazardous Material

[Click here to access the MA DEP site for this facility:](#)

Chemicals:

Chemical: ALIPHATIC HYDROCARBONS C19 THRU C36
Quantity: 6 parts per million
Chemical: AROMATIC HYDROCARBONS C11 THRU C22
Quantity: 3.6 parts per million
Chemical: ALIPHATIC HYDROCARBONS C9 THRU C18
Quantity: 1000 parts per million
Chemical: AROMATIC HYDROCARBONS C11 THRU C22
Quantity: 710 parts per million
Chemical: ALIPHATIC HYDROCARBONS C9 THRU C12
Quantity: 6.4 parts per million
Chemical: NAPHTHALENE
Quantity: 86 parts per billion
Chemical: NAPHTHALENE
Quantity: 5200 parts per billion
Chemical: 2-METHYLNAPHTHALENE
Quantity: 26 parts per billion
Chemical: ALIPHATIC HYDROCARBONS C5 THRU C8
Quantity: 0.9 parts per million
Chemical: ALIPHATIC HYDROCARBONS C9 THRU C18
Quantity: 5.5 parts per million
Chemical: AROMATIC HYDROCARBONS C9 THRU C10
Quantity: 150 parts per million
Chemical: NAPHTHALENE
Quantity: 43 parts per billion

Actions:

Action Type: Tier Classification
Action Status: Tier 2 Classification
Action Date: 1/30/1998
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: Transmittal, Notice, or Notification Received
Action Date: 1/30/1998
Response Action Outcome: Not reported

Action Type: A Notice sent to a Potentially Responsible Party (PRP)
Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.
Action Date: 11/2/1998
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: Tier 2 Extension
Action Date: 11/22/2002
Response Action Outcome: Not reported

Map ID
Direction
Distance
Elevation

Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

NO LOCATION AID (Continued)

S104482354

Action Type:	Tier Classification
Action Status:	Legal Notice Published
Action Date:	2/12/1998
Response Action Outcome:	Not reported
Action Type:	RAO Not Required
Action Status:	Linked to a Tier Classified Site
Action Date:	4/20/1999
Response Action Outcome:	Not reported
Action Type:	Tier Classification
Action Status:	RTN Linked to TCLASS Via Tier Classification Submittal
Action Date:	4/20/1999
Response Action Outcome:	Not reported
Action Type:	RNF
Action Status:	Reportable Release under MGL 21E
Action Date:	5/6/1998
Response Action Outcome:	Not reported
Action Type:	Release Disposition
Action Status:	Reportable Release under MGL 21E
Action Date:	5/6/1998
Response Action Outcome:	Not reported

Release Tracking Number/Current Status:	3-0014402 / RAO
Release Town:	MIDDLETON
Notification Date:	10/23/1996
Category:	TWO HR
Associated ID:	3-0014402
Current Status:	Response Action Outcome
Status Date:	01/03/2006
Phase:	Not reported
Response Action Outcome:	A2 - A permanent solution has been achieved. Contamination has not been reduced to background.
Oil Or Haz Material:	Oil
Location Type:	COMMERCIAL
Location Type:	WATERBODY
Source:	UNKNOWN

[Click here to access the MA DEP site for this facility:](#)

Chemicals:	
Chemical:	GASOLINE
Quantity:	Not reported
Chemical:	GASOLINE
Quantity:	0.33 inches
Actions:	
Action Type:	Immediate Response Action
Action Status:	Status or Interim Report Received
Action Date:	1/23/1998
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

NO LOCATION AID (Continued)

S104482354

Action Type:	Release Disposition
Action Status:	Reportable Release under MGL 21E
Action Date:	1/28/1997
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Phase 5
Action Status:	Completion Statement Received
Action Date:	1/3/2006
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Phase 5
Action Status:	Remedy Operation Status Report Received
Action Date:	1/3/2006
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Response Action Outcome - RAO
Action Status:	RAO Statement Received
Action Date:	1/3/2006
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Tier Classification
Action Status:	Tier 2 Classification
Action Date:	1/30/1998
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Phase 1
Action Status:	Completion Statement Received
Action Date:	1/30/1998
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Tier Classification
Action Status:	Transmittal, Notice, or Notification Received
Action Date:	1/30/1998
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Immediate Response Action
Action Status:	Written Approval of Plan
Action Date:	1/7/1997
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Phase 2
Action Status:	Completion Statement Received
Action Date:	10/11/2000
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Phase 3
Action Status:	Completion Statement Received
Action Date:	10/17/2000

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

NO LOCATION AID (Continued)

S104482354

Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Release Disposition
Action Status: Reportable Release under MGL 21E
Action Date: 10/23/1996
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action
Action Status: Oral Approval of Plan or Action
Action Date: 10/23/1996
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RLFA
Action Status: FOLFLD
Action Date: 10/23/1996
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: A Notice sent to a Potentially Responsible Party (PRP)
Action Status: FLDISS
Action Date: 10/23/1996
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RLFA
Action Status: FOLFLD
Action Date: 10/24/1996
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action
Action Status: Status or Interim Report Received
Action Date: 10/4/1999
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Phase 3
Action Status: Notice of Delay in Meeting RA Deadline Received
Action Date: 10/8/1999
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Phase 4
Action Status: Completion Statement Received
Action Date: 11/18/2003
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Tier Classification
Action Status: Tier 2 Extension
Action Date: 11/22/2002
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

NO LOCATION AID (Continued)

S104482354

Action Type:	Phase 5
Action Status:	Remedy Operation Status Submittal Received
Action Date:	11/26/2003
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Phase 4
Action Status:	Written Plan Received
Action Date:	11/8/2000
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	RLFA
Action Status:	FOLOFF
Action Date:	12/1/1996
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Phase 5
Action Status:	Status or Interim Report Received
Action Date:	12/13/2004
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	RNF
Action Status:	Reportable Release under MGL 21E
Action Date:	12/23/1996
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Immediate Response Action
Action Status:	Written Plan Received
Action Date:	12/23/1996
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Tier Classification
Action Status:	Legal Notice Published
Action Date:	2/12/1998
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Phase 4
Action Status:	Modified Revised or Updated Plan Received
Action Date:	2/13/2003
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Phase 5
Action Status:	Inspection and Monitoring Report Received
Action Date:	2/13/2003
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Immediate Response Action
Action Status:	Status or Interim Report Received
Action Date:	3/10/1999

Map ID	Site	MAP FINDINGS	Database(s)	EDR ID Number
Direction				EPA ID Number
Distance				
Elevation				

NO LOCATION AID (Continued)
S104482354

Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.			
Action Type:	Tier Classification			
Action Status:	RTN Linked to TCLASS Via Tier Classification Submittal			
Action Date:	4/20/1999			
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.			
Action Type:	Phase 2			
Action Status:	Scope of Work Received			
Action Date:	4/24/2000			
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.			
Action Type:	Immediate Response Action			
Action Status:	Completion Statement Received			
Action Date:	5/1/2000			
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.			
Action Type:	Phase 4			
Action Status:	Completion Statement Received			
Action Date:	5/16/2002			
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.			
Action Type:	Immediate Response Action			
Action Status:	Status or Interim Report Received			
Action Date:	5/4/1998			
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.			
Action Type:	Phase 5			
Action Status:	Inspection and Monitoring Report Received			
Action Date:	6/11/2004			
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.			
Action Type:	Phase 4			
Action Status:	Written Plan Received			
Action Date:	7/20/2001			
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.			
Action Type:	Phase 5			
Action Status:	Remedy Operation Status Report Received			
Action Date:	7/5/2005			
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.			

Release:

Release Tracking Number/Current Status: 3-0014402 / RAO
 Primary ID: 3-0014402
 Official City: MIDDLETON
 Notification: 10/23/1996

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

NO LOCATION AID (Continued)

S104482354

Category: TWO HR
Status Date: 01/03/2006
Phase: Not reported
Response Action Outcome: A2 - A permanent solution has been achieved. Contamination has not been reduced to background.
Oil / Haz Material Type: Oil

[Click here to access the MA DEP site for this facility:](#)

Actions:

Action Type: Immediate Response Action
Action Status: Status or Interim Report Received
Action Date: 1/23/1998
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Release Disposition
Action Status: Reportable Release under MGL 21E
Action Date: 1/28/1997
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Phase 5
Action Status: Completion Statement Received
Action Date: 1/3/2006
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Phase 5
Action Status: Remedy Operation Status Report Received
Action Date: 1/3/2006
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Response Action Outcome - RAO
Action Status: RAO Statement Received
Action Date: 1/3/2006
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Tier Classification
Action Status: Tier 2 Classification
Action Date: 1/30/1998
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Phase 1
Action Status: Completion Statement Received
Action Date: 1/30/1998
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Tier Classification
Action Status: Transmittal, Notice, or Notification Received
Action Date: 1/30/1998
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Map ID	Site	MAP FINDINGS	Database(s)	EDR ID Number
Direction				EPA ID Number
Distance				

NO LOCATION AID (Continued)

S104482354

Action Type:	Immediate Response Action
Action Status:	Written Approval of Plan
Action Date:	1/7/1997
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Phase 2
Action Status:	Completion Statement Received
Action Date:	10/11/2000
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Phase 3
Action Status:	Completion Statement Received
Action Date:	10/17/2000
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Release Disposition
Action Status:	Reportable Release under MGL 21E
Action Date:	10/23/1996
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Immediate Response Action
Action Status:	Oral Approval of Plan or Action
Action Date:	10/23/1996
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	RLFA
Action Status:	FOLFLD
Action Date:	10/23/1996
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	A Notice sent to a Potentially Responsible Party (PRP)
Action Status:	FLDISS
Action Date:	10/23/1996
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	RLFA
Action Status:	FOLFLD
Action Date:	10/24/1996
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Immediate Response Action
Action Status:	Status or Interim Report Received
Action Date:	10/4/1999
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Phase 3
Action Status:	Notice of Delay in Meeting RA Deadline Received
Action Date:	10/8/1999

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

NO LOCATION AID (Continued)

S104482354

Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Phase 4
Action Status: Completion Statement Received
Action Date: 11/18/2003
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Tier Classification
Action Status: Tier 2 Extension
Action Date: 11/22/2002
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Phase 5
Action Status: Remedy Operation Status Submittal Received
Action Date: 11/26/2003
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Phase 4
Action Status: Written Plan Received
Action Date: 11/8/2000
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RLFA
Action Status: FOLOFF
Action Date: 12/1/1996
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Phase 5
Action Status: Status or Interim Report Received
Action Date: 12/13/2004
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RNF
Action Status: Reportable Release under MGL 21E
Action Date: 12/23/1996
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action
Action Status: Written Plan Received
Action Date: 12/23/1996
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Tier Classification
Action Status: Legal Notice Published
Action Date: 2/12/1998
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

NO LOCATION AID (Continued)

S104482354

Action Type:	Phase 4
Action Status:	Modified Revised or Updated Plan Received
Action Date:	2/13/2003
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Phase 5
Action Status:	Inspection and Monitoring Report Received
Action Date:	2/13/2003
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Immediate Response Action
Action Status:	Status or Interim Report Received
Action Date:	3/10/1999
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Tier Classification
Action Status:	RTN Linked to TCLASS Via Tier Classification Submittal
Action Date:	4/20/1999
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Phase 2
Action Status:	Scope of Work Received
Action Date:	4/24/2000
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Immediate Response Action
Action Status:	Completion Statement Received
Action Date:	5/1/2000
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Phase 4
Action Status:	Completion Statement Received
Action Date:	5/16/2002
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Immediate Response Action
Action Status:	Status or Interim Report Received
Action Date:	5/4/1998
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Phase 5
Action Status:	Inspection and Monitoring Report Received
Action Date:	6/11/2004
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Phase 4
Action Status:	Written Plan Received
Action Date:	7/20/2001

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

NO LOCATION AID (Continued)

S104482354

Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Phase 5
Action Status: Remedy Operation Status Report Received
Action Date: 7/5/2005
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Chemicals:
Chemical: GASOLINE
Quantity: Not reported
Chemical: GASOLINE
Quantity: 0.33 inches
Location Type: COMMERCIAL
Location Type: WATERBODY
Source: UNKNOWN

Release Tracking Number/Current Status: 3-0016792 / RAONR
Primary ID: Not reported
Official City: MIDDLETON
Notification: 05/06/1998
Category: 120 DY
Status Date: 04/20/1999
Phase: Not reported
Response Action Outcome:
Oil / Haz Material Type: Oil and Hazardous Material

[Click here to access the MA DEP site for this facility:](#)

Actions:

Action Type: Tier Classification
Action Status: Tier 2 Classification
Action Date: 1/30/1998
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: Transmittal, Notice, or Notification Received
Action Date: 1/30/1998
Response Action Outcome: Not reported

Action Type: A Notice sent to a Potentially Responsible Party (PRP)
Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.)
Action Date: 11/2/1998
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: Tier 2 Extension
Action Date: 11/22/2002
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: Legal Notice Published
Action Date: 2/12/1998
Response Action Outcome: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

NO LOCATION AID (Continued)

S104482354

Action Type:	RAO Not Required
Action Status:	Linked to a Tier Classified Site
Action Date:	4/20/1999
Response Action Outcome:	Not reported
Action Type:	Tier Classification
Action Status:	RTN Linked to TCLASS Via Tier Classification Submittal
Action Date:	4/20/1999
Response Action Outcome:	Not reported
Action Type:	RNF
Action Status:	Reportable Release under MGL 21E
Action Date:	5/6/1998
Response Action Outcome:	Not reported
Action Type:	Release Disposition
Action Status:	Reportable Release under MGL 21E
Action Date:	5/6/1998
Response Action Outcome:	Not reported

Chemicals:

Chemical:	ALIPHATIC HYDROCARBONS C19 THRU C36
Quantity:	6 parts per million
Chemical:	AROMATIC HYDROCARBONS C11 THRU C22
Quantity:	3.6 parts per million
Chemical:	ALIPHATIC HYDROCARBONS C9 THRU C18
Quantity:	1000 parts per million
Chemical:	AROMATIC HYDROCARBONS C11 THRU C22
Quantity:	710 parts per million
Chemical:	ALIPHATIC HYDROCARBONS C9 THRU C12
Quantity:	6.4 parts per million
Chemical:	NAPHTHALENE
Quantity:	86 parts per billion
Chemical:	NAPHTHALENE
Quantity:	5200 parts per billion
Chemical:	2-METHYLNAPHTHALENE
Quantity:	26 parts per billion
Chemical:	ALIPHATIC HYDROCARBONS C5 THRU C8
Quantity:	0.9 parts per million
Chemical:	ALIPHATIC HYDROCARBONS C9 THRU C18
Quantity:	5.5 parts per million
Chemical:	AROMATIC HYDROCARBONS C9 THRU C10
Quantity:	150 parts per million
Chemical:	NAPHTHALENE
Quantity:	43 parts per billion

Release Tracking Number/Current Status:	3-0018950 / RAO
Primary ID:	Not reported
Official City:	MIDDLETON
Notification:	11/10/1999
Category:	120 DY
Status Date:	11/03/2000
Phase:	Not reported
Response Action Outcome:	A2 - A permanent solution has been achieved. Contamination has not been reduced to background.
Oil / Haz Material Type:	Oil

Map ID	Site	MAP FINDINGS	EDR ID Number
Direction			EPA ID Number
Distance			

NO LOCATION AID (Continued)
S104482354

Click here to access the MA DEP site for this facility:

Actions:

Action Type: RNF
 Action Status: Reportable Release under MGL 21E
 Action Date: 11/10/1999
 Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Release Disposition
 Action Status: Reportable Release under MGL 21E
 Action Date: 11/10/1999
 Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Release Abatement Measure
 Action Status: Written Plan Received
 Action Date: 11/19/1999
 Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Response Action Outcome - RAO
 Action Status: RAO Statement Received
 Action Date: 11/3/2000
 Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Release Abatement Measure
 Action Status: Fee Received - FMCRA Use Only
 Action Date: 12/7/1999
 Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Response Action Outcome - RAO
 Action Status: Fee Received - FMCRA Use Only
 Action Date: 4/11/2000
 Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Chemicals:

Chemical: C9 THRU C10 AROMATIC HYDROCARBONS
 Quantity: 131 parts per million
 Chemical: C11 THRU C22 AROMATIC HYDROCARBONS
 Quantity: 479 parts per million

10 JOHN GIKAS 2002 TRUST SHWS S102687271
 ESE 196-206 SOUTH MAIN ST RELEASE N/A
 1/2-1 MIDDLETON, MA 01949 ENF
 0.760 mi.
 4011 ft.

Relative: SHWS:
Higher Release Tracking Number/Current Status: 3-0028029 / RAO
Actual: Release Town: MIDDLETON
85 ft. Notification Date: 09/29/2008
 Category: 72 HR
 Associated ID: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

JOHN GIKAS 2002 TRUST (Continued)

S102687271

Current Status:

Status Date:

Response Action Outcome

10/07/2009

Phase:

Not reported

Response Action Outcome:

A2 - A permanent solution has been achieved. Contamination has not been reduced to background.

Oil Or Haz Material:

Oil

Location Type:

PRIVPROP

Location Type:

COMMERCIAL

Source:

UNKNOWN

Source:

HISTORIC

Source:

RELEASE

Source:

POSSIBLE

[Click here to access the MA DEP site for this facility:](#)

Chemicals:

Chemical:

UNKNOWN CHEMICAL OF UNKNOWN TYPE

Quantity:

12 inches

Chemical:

LUBRICATING OIL

Quantity:

12 inches

Actions:

Action Type:

Compliance and Enforcement Action

Action Status:

Interim Deadline Letter Issued

Action Date:

10/15/2008

Response Action Outcome:

A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type:

Response Action Outcome - RAO

Action Status:

Level I - Technical Screen Audit

Action Date:

10/25/2010

Response Action Outcome:

A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type:

Response Action Outcome - RAO

Action Status:

RAO Statement Received

Action Date:

10/7/2009

Response Action Outcome:

A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type:

Response Action Outcome - RAO

Action Status:

Transmittal, Notice, or Notification Received

Action Date:

3/16/2009

Response Action Outcome:

A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type:

RNFE

Action Status:

Reportable Release under MGL 21E

Action Date:

3/16/2009

Response Action Outcome:

A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type:

RNF

Action Status:

Reportable Release under MGL 21E

Action Date:

3/16/2009

Response Action Outcome:

A permanent solution has been achieved. Contamination has not been reduced to background.

Map ID
Direction
Distance
Elevation

Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

JOHN GIKAS 2002 TRUST (Continued)

S102687271

reduced to background.

Action Type: Immediate Response Action
Action Status: Completion Statement Received
Action Date: 4/7/2010
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action
Action Status: Level I - Technical Screen Audit
Action Date: 6/30/2010
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: A Notice sent to a Potentially Responsible Party (PRP)
Action Status: ALENT
Action Date: 7/10/2009
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action
Action Status: Modified Revised or Updated Plan Received
Action Date: 7/30/2009
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action
Action Status: Status or Interim Report Received
Action Date: 7/30/2009
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action
Action Status: Status or Interim Report Received
Action Date: 8/14/2009
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action
Action Status: Modified Revised or Updated Plan Received
Action Date: 8/14/2009
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action
Action Status: Imminent Hazard Evaluation Received
Action Date: 8/14/2009
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: A Notice sent to a Potentially Responsible Party (PRP)
Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.
Action Date: 8/27/2009
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

JOHN GIKAS 2002 TRUST (Continued)

S102687271

Action Status:	Level I - Technical Screen Audit
Action Date:	9/1/2009
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Release Disposition
Action Status:	Reportable Release under MGL 21E
Action Date:	9/29/2008
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Immediate Response Action
Action Status:	IRA Assessment Only
Action Date:	9/29/2008
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.

Release Tracking Number/Current Status:	3-0028029 / RAO
Release Town:	MIDDLETON
Notification Date:	09/29/2008
Category:	72 HR
Associated ID:	Not reported
Current Status:	Response Action Outcome
Status Date:	10/07/2009
Phase:	Not reported
Response Action Outcome:	A2 - A permanent solution has been achieved. Contamination has not been reduced to background.
Oil Or Haz Material:	Oil
Location Type:	PRIVPROP
Location Type:	COMMERCIAL
Source:	UNKNOWN
Source:	HISTORIC
Source:	RELEASE
Source:	POSSIBLE

[Click here to access the MA DEP site for this facility:](#)

Chemicals:	
Chemical:	UNKNOWN CHEMICAL OF UNKNOWN TYPE
Quantity:	12 inches
Chemical:	LUBRICATING OIL
Quantity:	12 inches
Actions:	
Action Type:	A Notice sent to a Potentially Responsible Party (PRP)
Action Status:	A MassDEP piece of correspondence was issued (approvals, NORs, etc.
Action Date:	10/15/2008
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Compliance and Enforcement Action
Action Status:	Interim Deadline Letter Issued
Action Date:	10/15/2008
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

JOHN GIKAS 2002 TRUST (Continued)

S102687271

Action Type:	Response Action Outcome - RAO
Action Status:	Level I - Technical Screen Audit
Action Date:	10/25/2010
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Response Action Outcome - RAO
Action Status:	RAO Statement Received
Action Date:	10/7/2009
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	RNFE
Action Status:	Transmittal, Notice, or Notification Received
Action Date:	3/16/2009
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	RNF
Action Status:	Reportable Release under MGL 21E
Action Date:	3/16/2009
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Immediate Response Action
Action Status:	Completion Statement Received
Action Date:	4/7/2010
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Immediate Response Action
Action Status:	Level I - Technical Screen Audit
Action Date:	6/30/2010
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	A Notice sent to a Potentially Responsible Party (PRP)
Action Status:	ALSENT
Action Date:	7/10/2009
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Immediate Response Action
Action Status:	Modified Revised or Updated Plan Received
Action Date:	7/30/2009
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Immediate Response Action
Action Status:	Status or Interim Report Received
Action Date:	7/30/2009
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Immediate Response Action
Action Status:	Status or Interim Report Received
Action Date:	8/14/2009

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

JOHN GIKAS 2002 TRUST (Continued)

S102687271

Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action
Action Status: Modified Revised or Updated Plan Received
Action Date: 8/14/2009
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action
Action Status: Imminent Hazard Evaluation Received
Action Date: 8/14/2009
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: A Notice sent to a Potentially Responsible Party (PRP)
Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.
Action Date: 8/27/2009
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action
Action Status: Level I - Technical Screen Audit
Action Date: 9/1/2009
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Release Disposition
Action Status: Reportable Release under MGL 21E
Action Date: 9/29/2008
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action
Action Status: IRA Assessment Only
Action Date: 9/29/2008
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Release Tracking Number/Current Status: 3-0028029 / RAO
Release Town: MIDDLETON
Notification Date: 09/29/2008
Category: 72 HR
Associated ID: Not reported
Current Status:
Status Date: 10/07/2009
Phase: Not reported
Response Action Outcome: A2 - A permanent solution has been achieved. Contamination has not been reduced to background.

Oil Or Haz Material: Oil
Location Type: PRIVPROP
Location Type: COMMERCIAL
Source: UNKNOWN
Source: HISTORIC
Source: RELEASE
Source: POSSIBLE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

JOHN GIKAS 2002 TRUST (Continued)

S102687271

Click here to access the MA DEP site for this facility:

Chemicals:

Chemical: UNKNOWN CHEMICAL OF UNKNOWN TYPE
Quantity: 12 inches
Chemical: LUBRICATING OIL
Quantity: 12 inches

Actions:

Action Type: A Notice sent to a Potentially Responsible Party (PRP)
Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.
Action Date: 10/15/2008
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Compliance and Enforcement Action
Action Status: Interim Deadline Letter Issued
Action Date: 10/15/2008
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Response Action Outcome - RAO
Action Status: Level I - Technical Screen Audit
Action Date: 10/25/2010
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Response Action Outcome - RAO
Action Status: RAO Statement Received
Action Date: 10/7/2009
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RNFE
Action Status: Transmittal, Notice, or Notification Received
Action Date: 3/16/2009
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RNF
Action Status: Reportable Release under MGL 21E
Action Date: 3/16/2009
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action
Action Status: Completion Statement Received
Action Date: 4/7/2010
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action
Action Status: Level I - Technical Screen Audit
Action Date: 6/30/2010
Response Action Outcome: A permanent solution has been achieved. Contamination has not been

Map ID
Direction
Distance
Elevation

Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

JOHN GIKAS 2002 TRUST (Continued)

S102687271

reduced to background.

Action Type: A Notice sent to a Potentially Responsible Party (PRP)
Action Status: ASENT
Action Date: 7/10/2009
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action
Action Status: Modified Revised or Updated Plan Received
Action Date: 7/30/2009
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action
Action Status: Status or Interim Report Received
Action Date: 7/30/2009
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action
Action Status: Status or Interim Report Received
Action Date: 8/14/2009
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action
Action Status: Modified Revised or Updated Plan Received
Action Date: 8/14/2009
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action
Action Status: Imminent Hazard Evaluation Received
Action Date: 8/14/2009
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: A Notice sent to a Potentially Responsible Party (PRP)
Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.
Action Date: 8/27/2009
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action
Action Status: Level I - Technical Screen Audit
Action Date: 9/1/2009
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Release Disposition
Action Status: Reportable Release under MGL 21E
Action Date: 9/29/2008
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action

Map ID
Direction
Distance
Elevation

Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

JOHN GIKAS 2002 TRUST (Continued)

S102687271

Action Status: IRA Assessment Only
Action Date: 9/29/2008
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Release Tracking Number/Current Status: 3-0011914 / RAO
Release Town: MIDDLETON
Notification Date: 10/12/1994
Category: 120 DY
Associated ID: 3-0011914
Current Status: **Response Action Outcome**
Status Date: 01/05/2000
Phase: PHASE II
Response Action Outcome: A2 - A permanent solution has been achieved. Contamination has not been reduced to background.
Oil Or Haz Material: Oil

[Click here to access the MA DEP site for this facility:](#)

Chemicals:

Chemical: TPH
Quantity: 4600 milligrams per kilogram
Chemical: TPH
Quantity: Not reported

Actions:

Action Type: A Notice sent to a Potentially Responsible Party (PRP)
Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.
Action Date: 1/13/1995
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Response Action Outcome - RAO
Action Status: RAO Statement Received
Action Date: 1/5/2000
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RNF
Action Status: Reportable Release under MGL 21E
Action Date: 10/12/1994
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Release Disposition
Action Status: Reportable Release under MGL 21E
Action Date: 10/12/1994
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Release Abatement Measure
Action Status: Completion Statement Received
Action Date: 12/23/1999
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

EDR ID Number
Database(s) EPA ID Number

JOHN GIKAS 2002 TRUST (Continued)

S102687271

Action Type:	Tier Classification
Action Status:	RTN Linked to TCLASS Via Tier Classification Submittal
Action Date:	12/24/1997
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Phase 1
Action Status:	Completion Statement Received
Action Date:	12/24/1997
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Tier Classification
Action Status:	Transmittal, Notice, or Notification Received
Action Date:	12/24/1997
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Tier Classification
Action Status:	Tier 2 Classification
Action Date:	12/24/1997
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Release Disposition
Action Status:	Reportable Release under MGL 21E
Action Date:	4/26/1995
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	RLFA
Action Status:	FOLOFF
Action Date:	4/26/1995
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	RLFA
Action Status:	FOLOFF
Action Date:	4/27/1995
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	RLFA
Action Status:	FOLOFF
Action Date:	5/24/1995
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Release Abatement Measure
Action Status:	Written Plan Received
Action Date:	7/27/1999
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Downgradient Property Status
Action Status:	Transmittal, Notice, or Notification Received
Action Date:	7/3/1995

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

JOHN GIKAS 2002 TRUST (Continued)

S102687271

Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Downgradient Property Status
Action Status: Fee Received - FMCRA Use Only
Action Date: 7/7/1995
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Release Tracking Number/Current Status: 3-0028029 / RAO
Release Town: MIDDLETON
Notification Date: 09/29/2008
Category: 72 HR
Associated ID: Not reported
Current Status: **Response Action Outcome**
Status Date: 10/07/2009
Phase: Not reported
Response Action Outcome: A2 - A permanent solution has been achieved. Contamination has not been reduced to background.

Oil Or Haz Material: Oil
Location Type: PRIVPROP
Location Type: COMMERCIAL
Source: UNKNOWN
Source: HISTORIC
Source: RELEASE
Source: POSSIBLE

[Click here to access the MA DEP site for this facility:](#)

Chemicals:

Chemical: UNKNOWN CHEMICAL OF UNKNOWN TYPE
Quantity: 12 inches
Chemical: LUBRICATING OIL
Quantity: 12 inches

Actions:

Action Type: A Notice sent to a Potentially Responsible Party (PRP)
Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.
Action Date: 10/15/2008
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Compliance and Enforcement Action
Action Status: Interim Deadline Letter Issued
Action Date: 10/15/2008
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Response Action Outcome - RAO
Action Status: Level I - Technical Screen Audit
Action Date: 10/25/2010
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Response Action Outcome - RAO

Map ID
Direction
Distance
Elevation

Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

JOHN GIKAS 2002 TRUST (Continued)

S102687271

Action Status:	RAO Statement Received
Action Date:	10/7/2009
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	RNFE
Action Status:	Transmittal, Notice, or Notification Received
Action Date:	3/16/2009
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	RNF
Action Status:	Reportable Release under MGL 21E
Action Date:	3/16/2009
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Immediate Response Action
Action Status:	Completion Statement Received
Action Date:	4/7/2010
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Immediate Response Action
Action Status:	Level I - Technical Screen Audit
Action Date:	6/30/2010
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	A Notice sent to a Potentially Responsible Party (PRP)
Action Status:	ALSENT
Action Date:	7/10/2009
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Immediate Response Action
Action Status:	Modified Revised or Updated Plan Received
Action Date:	7/30/2009
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Immediate Response Action
Action Status:	Status or Interim Report Received
Action Date:	7/30/2009
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Immediate Response Action
Action Status:	Status or Interim Report Received
Action Date:	8/14/2009
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Immediate Response Action
Action Status:	Modified Revised or Updated Plan Received
Action Date:	8/14/2009
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.

Map ID	MAP FINDINGS	
Direction		
Distance		
Elevation		
Site	Database(s)	EDR ID Number EPA ID Number

JOHN GIKAS 2002 TRUST (Continued)
S102687271

reduced to background.

Action Type:	Immediate Response Action
Action Status:	Imminent Hazard Evaluation Received
Action Date:	8/14/2009
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	A Notice sent to a Potentially Responsible Party (PRP)
Action Status:	A MassDEP piece of correspondence was issued (approvals, NORs, etc.
Action Date:	8/27/2009
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Immediate Response Action
Action Status:	Level I - Technical Screen Audit
Action Date:	9/1/2009
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Release Disposition
Action Status:	Reportable Release under MGL 21E
Action Date:	9/29/2008
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Immediate Response Action
Action Status:	IRA Assessment Only
Action Date:	9/29/2008
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.

Release:

Release Tracking Number/Current Status:	3-0011914 / RAO
Primary ID:	3-0011914
Official City:	MIDDLETON
Notification:	10/12/1994
Category:	120 DY
Status Date:	01/05/2000
Phase:	PHASE II
Response Action Outcome:	A2 - A permanent solution has been achieved. Contamination has not been reduced to background.
Oil / Haz Material Type:	Oil

[Click here to access the MA DEP site for this facility](#):

Actions:

Action Type:	A Notice sent to a Potentially Responsible Party (PRP)
Action Status:	A MassDEP piece of correspondence was issued (approvals, NORs, etc.
Action Date:	1/13/1995
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Response Action Outcome - RAO
Action Status:	RAO Statement Received

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

JOHN GIKAS 2002 TRUST (Continued)

S102687271

Action Date:	1/5/2000
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	RNF
Action Status:	Reportable Release under MGL 21E
Action Date:	10/12/1994
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Release Disposition
Action Status:	Reportable Release under MGL 21E
Action Date:	10/12/1994
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Release Abatement Measure
Action Status:	Completion Statement Received
Action Date:	12/23/1999
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Tier Classification
Action Status:	RTN Linked to TCLASS Via Tier Classification Submittal
Action Date:	12/24/1997
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Phase 1
Action Status:	Completion Statement Received
Action Date:	12/24/1997
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Tier Classification
Action Status:	Transmittal, Notice, or Notification Received
Action Date:	12/24/1997
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Tier Classification
Action Status:	Tier 2 Classification
Action Date:	12/24/1997
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Release Disposition
Action Status:	Reportable Release under MGL 21E
Action Date:	4/26/1995
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	RLFA
Action Status:	FOLOFF
Action Date:	4/26/1995
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.

Map ID
Direction
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Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

JOHN GIKAS 2002 TRUST (Continued)

S102687271

Action Type:	RLFA
Action Status:	FOLOFF
Action Date:	4/27/1995
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	RLFA
Action Status:	FOLOFF
Action Date:	5/24/1995
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Release Abatement Measure
Action Status:	Written Plan Received
Action Date:	7/27/1999
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Downgradient Property Status
Action Status:	Transmittal, Notice, or Notification Received
Action Date:	7/3/1995
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Downgradient Property Status
Action Status:	Fee Received - FMCRA Use Only
Action Date:	7/7/1995
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Chemicals:	
Chemical:	TPH
Quantity:	4600 milligrams per kilogram
Chemical:	TPH
Quantity:	Not reported
Release Tracking Number/Current Status:	3-0028029 / RAO
Primary ID:	Not reported
Official City:	MIDDLETON
Notification:	09/29/2008
Category:	72 HR
Status Date:	10/07/2009
Phase:	Not reported
Response Action Outcome:	A2 - A permanent solution has been achieved. Contamination has not been reduced to background.
Oil / Haz Material Type:	Oil

[Click here to access the MA DEP site for this facility:](#)

Actions:

Action Type:	A Notice sent to a Potentially Responsible Party (PRP)
Action Status:	A MassDEP piece of correspondence was issued (approvals, NORs, etc.
Action Date:	10/15/2008
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

JOHN GIKAS 2002 TRUST (Continued)

S102687271

Action Type:	Compliance and Enforcement Action
Action Status:	Interim Deadline Letter Issued
Action Date:	10/15/2008
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Response Action Outcome - RAO
Action Status:	Level I - Technical Screen Audit
Action Date:	10/25/2010
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Response Action Outcome - RAO
Action Status:	RAO Statement Received
Action Date:	10/7/2009
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	RNFE
Action Status:	Transmittal, Notice, or Notification Received
Action Date:	3/16/2009
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	RNF
Action Status:	Reportable Release under MGL 21E
Action Date:	3/16/2009
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Immediate Response Action
Action Status:	Completion Statement Received
Action Date:	4/7/2010
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Immediate Response Action
Action Status:	Level I - Technical Screen Audit
Action Date:	6/30/2010
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	A Notice sent to a Potentially Responsible Party (PRP)
Action Status:	ALSENT
Action Date:	7/10/2009
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Immediate Response Action
Action Status:	Modified Revised or Updated Plan Received
Action Date:	7/30/2009
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Immediate Response Action
Action Status:	Status or Interim Report Received
Action Date:	7/30/2009

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

JOHN GIKAS 2002 TRUST (Continued)

S102687271

Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Immediate Response Action
Action Status:	Status or Interim Report Received
Action Date:	8/14/2009
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Immediate Response Action
Action Status:	Modified Revised or Updated Plan Received
Action Date:	8/14/2009
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Immediate Response Action
Action Status:	Imminent Hazard Evaluation Received
Action Date:	8/14/2009
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	A Notice sent to a Potentially Responsible Party (PRP)
Action Status:	A MassDEP piece of correspondence was issued (approvals, NORs, etc.
Action Date:	8/27/2009
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Immediate Response Action
Action Status:	Level I - Technical Screen Audit
Action Date:	9/1/2009
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Release Disposition
Action Status:	Reportable Release under MGL 21E
Action Date:	9/29/2008
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Immediate Response Action
Action Status:	IRA Assessment Only
Action Date:	9/29/2008
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Chemicals:	UNKNOWN CHEMICAL OF UNKNOWN TYPE
Chemical:	12 inches
Quantity:	LUBRICATING OIL
Chemical:	12 inches
Quantity:	PRIVPROP
Location Type:	COMMERCIAL
Location Type:	UNKNOWN
Source:	HISTORIC
Source:	RELEASE
Source:	POSSIBLE

Map ID
Direction
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Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
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JOHN GIKAS 2002 TRUST (Continued)

S102687271

ENFORCEMENT:

Region: NERO
DEP Region: NERO
DEP Program: 3C
DEP Bureau: BWSC
Program: Not reported
Program Id: 3-0028029
High Or Low Level Enforcement: LLE
FMF #: Not reported
Comptroller Billing Name: Not reported
Town Where Violation Occurred: Not reported
Date Executed: 10/15/2008
ENF #: Not reported
Document Type: IDL
AG Ref (Y/N): Not reported
Doc Archived (Y/N): Not reported
EJ Community (Y/N): Not reported
Regional Comment: Not reported
Final Payment Due Date: Not reported
ACOP \$: Not reported
PAN \$: Not reported
EMS (Y/N): Not reported
EMS\$: Not reported
SEP (Y/N): Not reported
SEP \$: Not reported
Demand \$: Not reported
Suspended \$: Not reported
Ownership: Commercially Owned

11 NO LOCATION AID
ESE 206 SOUTH MAIN ST
1/2-1 MIDDLETON, MA 01949
0.810 mi.
4277 ft.

SHWS S105810600
RELEASE N/A
ASBESTOS
HW GEN

Relative: SHWS:
Lower Release Tracking Number/Current Status: 3-0022691 / RAO
Actual: Release Town: MIDDLETON
77 ft. Notification Date: 03/24/2003
Category: TWO HR
Associated ID: Not reported
Current Status: Response Action Outcome
Status Date: 05/21/2003
Phase: Not reported
Response Action Outcome: A1 - A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.
Oil Or Haz Material: Oil
Location Type: COMMERCIAL
Source: VEHICLE

Click here to access the MA DEP site for this facility:

Chemicals:

Chemical: DIESEL
Quantity: 50 gallons
Chemical: DIESEL FUEL

Map ID
Direction
Distance
Elevation

Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

NO LOCATION AID (Continued)

S105810600

Quantity:	50 gallons
Actions:	
Action Type:	Immediate Response Action
Action Status:	Oral Approval of Plan or Action
Action Date:	3/24/2003
Response Action Outcome:	A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.
Action Type:	Release Disposition
Action Status:	Reportable Release under MGL 21E
Action Date:	3/24/2003
Response Action Outcome:	A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.
Action Type:	A Notice sent to a Potentially Responsible Party (PRP)
Action Status:	A MassDEP piece of correspondence was issued (approvals, NORs, etc.)
Action Date:	4/3/2003
Response Action Outcome:	A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.
Action Type:	RNF
Action Status:	Reportable Release under MGL 21E
Action Date:	5/21/2003
Response Action Outcome:	A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.
Action Type:	Response Action Outcome - RAO
Action Status:	RAO Statement Received
Action Date:	5/21/2003
Response Action Outcome:	A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Release Tracking Number/Current Status:	3-0014481 / RAO
Release Town:	MIDDLETON
Notification Date:	12/17/1996
Category:	120 DY
Associated ID:	Not reported
Current Status:	Response Action Outcome
Status Date:	01/05/2000
Phase:	PHASE II
Response Action Outcome:	-
Oil Or Haz Material:	Oil
Location Type:	INDUSTRIAL
Source:	DRUMS

Click here to access the MA DEP site for this facility:

Chemicals:	
Chemical:	WASTE OIL
Quantity:	Not reported
Actions:	
Action Type:	A Notice sent to a Potentially Responsible Party (PRP)
Action Status:	A MassDEP piece of correspondence was issued (approvals, NORs, etc.)
Action Date:	1/10/1997

Map ID	MAP FINDINGS	
Direction		
Distance		
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NO LOCATION AID (Continued) S105810600

Response Action Outcome:	Not reported
Action Type:	Response Action Outcome - RAO
Action Status:	RAO Statement Received
Action Date:	1/5/2000
Response Action Outcome:	Not reported
Action Type:	Release Disposition
Action Status:	Reportable Release under MGL 21E
Action Date:	12/17/1996
Response Action Outcome:	Not reported
Action Type:	A Notice sent to a Potentially Responsible Party (PRP)
Action Status:	A MassDEP piece of correspondence was issued (approvals, NORs, etc.)
Action Date:	12/17/1996
Response Action Outcome:	Not reported
Action Type:	Release Abatement Measure
Action Status:	Completion Statement Received
Action Date:	12/23/1999
Response Action Outcome:	Not reported
Action Type:	Tier Classification
Action Status:	Tier 2 Classification
Action Date:	12/24/1997
Response Action Outcome:	Not reported
Action Type:	RAO Not Required
Action Status:	Linked to a Tier Classified Site
Action Date:	12/24/1997
Response Action Outcome:	Not reported
Action Type:	Tier Classification
Action Status:	Transmittal, Notice, or Notification Received
Action Date:	12/24/1997
Response Action Outcome:	Not reported
Action Type:	Tier Classification
Action Status:	RTN Linked to TCLASS Via Tier Classification Submittal
Action Date:	12/24/1997
Response Action Outcome:	Not reported
Action Type:	Phase 1
Action Status:	Completion Statement Received
Action Date:	12/24/1997
Response Action Outcome:	Not reported
Action Type:	Release Abatement Measure
Action Status:	Written Plan Received
Action Date:	7/27/1999
Response Action Outcome:	Not reported

Release:

Release Tracking Number/Current Status: 3-0014481 / RAO
 Primary ID: Not reported
 Official City: MIDDLETON

Map ID	MAP FINDINGS	
Direction		
Distance		
Elevation		
Site	Database(s)	EDR ID Number EPA ID Number

NO LOCATION AID (Continued)
S105810600

Notification: 12/17/1996
 Category: 120 DY
 Status Date: 01/05/2000
 Phase: PHASE II
 Response Action Outcome: -
 Oil / Haz Material Type: Oil

[Click here to access the MA DEP site for this facility:](#)

Actions:	
Action Type:	A Notice sent to a Potentially Responsible Party (PRP)
Action Status:	A MassDEP piece of correspondence was issued (approvals, NORs, etc.
Action Date:	1/10/1997
Response Action Outcome:	Not reported
Action Type:	Response Action Outcome - RAO
Action Status:	RAO Statement Received
Action Date:	1/5/2000
Response Action Outcome:	Not reported
Action Type:	Release Disposition
Action Status:	Reportable Release under MGL 21E
Action Date:	12/17/1996
Response Action Outcome:	Not reported
Action Type:	A Notice sent to a Potentially Responsible Party (PRP)
Action Status:	A MassDEP piece of correspondence was issued (approvals, NORs, etc.
Action Date:	12/17/1996
Response Action Outcome:	Not reported
Action Type:	Release Abatement Measure
Action Status:	Completion Statement Received
Action Date:	12/23/1999
Response Action Outcome:	Not reported
Action Type:	Tier Classification
Action Status:	Tier 2 Classification
Action Date:	12/24/1997
Response Action Outcome:	Not reported
Action Type:	RAO Not Required
Action Status:	Linked to a Tier Classified Site
Action Date:	12/24/1997
Response Action Outcome:	Not reported
Action Type:	Tier Classification
Action Status:	Transmittal, Notice, or Notification Received
Action Date:	12/24/1997
Response Action Outcome:	Not reported
Action Type:	Tier Classification
Action Status:	RTN Linked to TCLASS Via Tier Classification Submittal
Action Date:	12/24/1997
Response Action Outcome:	Not reported
Action Type:	Phase 1
Action Status:	Completion Statement Received

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

NO LOCATION AID (Continued)

S105810600

Action Date:	12/24/1997
Response Action Outcome:	Not reported
Action Type:	Release Abatement Measure
Action Status:	Written Plan Received
Action Date:	7/27/1999
Response Action Outcome:	Not reported
Chemicals:	
Chemical:	WASTE OIL
Quantity:	Not reported
Location Type:	INDUSTRIAL
Source:	DRUMS
Release Tracking Number/Current Status:	3-0022691 / RAO
Primary ID:	Not reported
Official City:	MIDDLETON
Notification:	03/24/2003
Category:	TWO HR
Status Date:	05/21/2003
Phase:	Not reported
Response Action Outcome:	A1 - A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.
Oil / Haz Material Type:	Oil

[Click here to access the MA DEP site for this facility:](#)

Actions:

Action Type:	Immediate Response Action
Action Status:	Oral Approval of Plan or Action
Action Date:	3/24/2003
Response Action Outcome:	A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.
Action Type:	Release Disposition
Action Status:	Reportable Release under MGL 21E
Action Date:	3/24/2003
Response Action Outcome:	A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.
Action Type:	A Notice sent to a Potentially Responsible Party (PRP)
Action Status:	A MassDEP piece of correspondence was issued (approvals, NORs, etc.
Action Date:	4/3/2003
Response Action Outcome:	A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.
Action Type:	RNF
Action Status:	Reportable Release under MGL 21E
Action Date:	5/21/2003
Response Action Outcome:	A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.
Action Type:	Response Action Outcome - RAO
Action Status:	RAO Statement Received
Action Date:	5/21/2003
Response Action Outcome:	A permanent solution has been achieved. Contamination has been reduced

Map ID	Site	MAP FINDINGS	Database(s)	EDR ID Number
Direction				EPA ID Number
Distance				
Elevation				

NO LOCATION AID (Continued)
S105810600

to background or a threat of release has been eliminated.

Chemicals:
 Chemical: DIESEL
 Quantity: 50 gallons
 Chemical: DIESEL FUEL
 Quantity: 50 gallons
 Location Type: COMMERCIAL
 Source: VEHICLE

ASBESTOS:
 Notification: Not reported
 DEP Region: Not reported
 Notifiers Name: Not reported
 Start Date: 10/08/2012
 End Date: 10/12/2012
 Date Entered: Not reported
 Entry Date: 09/25/2012
 Quantity Material Removed SF: 9800.00
 Quantity Material Removed LF: .00
 Project Description: Trns
 AR Tracking ID: 163800
 Super Lic Number: AS000339
 Monitor Lic Number: AA000144
 Lab Lic Number: Not reported
 Year: 2012
 Sticker Number: 100159677
 Form Type: ANF-001
 Fee Status: Fifty
 Facility Phone: Not reported
 Sub Town: Not reported
 Worksite: FIRST, SECOND FL.
 Occupied: 0
 Contractor: AC000511
 Contract Type: WRITTEN
 Hours: Week days: 8AM-4 Week end: 8AM-4
 Project Type: Oth:ASBESTOS REMOVAL
 Abatement Process: Fcontain
 Location: Indoors
 Decon Process: FULL CONTAINMENT
 Disposal Methods: ALL METHODS WILL COMPLY
 Facility Usage: FORMER AERO SPACE BUILDING
 Waiver Given: Not reported
 DEP Waiver Number: Not reported
 DLWD Waiver Number: Not reported
 Small Owner Occ: 5
 Owner Name: SAME
 Owner Address: 77 WALNUT
 Owner City: PEABODY, MA
 Owner State: MA
 On Site Manager Name: Not reported
 On Site Manager Phone: Not reported
 Ins Comp: Not reported
 Policy Number: Not reported
 EXP Date: Not reported
 Facility Size: 50,000

Map ID
Direction
Distance
Elevation

Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

NO LOCATION AID (Continued)

S105810600

Transporter Name: Not reported
Transporter Address: Not reported
Transporter City: Not reported
Transporter State: Not reported
Final Site: 18
Certified Name: JIM NET
Cert Sign Date: 09/25/2012
Certified Company: NA, INC
Certified Phone: 7815893161
Entered_by: Not reported

HW GEN:
EPA Id: MAD982754400
RCRA Generator Status: VSQG
State Generator Status: LQG-MA

12 NO LOCATION AID
NNW 67 NORTH MAIN STREET
1/2-1 MIDDLETON, MA 01949
0.835 mi.
4410 ft.

SHWS S120630255
RELEASE N/A

Relative: SHWS:
Higher Release Tracking Number/Current Status: 3-0034062 / TIERII
Actual: Release Town: MIDDLETON
117 ft. Notification Date: 01/23/2017
Category: TWO HR
Associated ID:
Current Status: Not reported
Tier II, A site/release receiving a total NRS score of less than 350, unless the site meets any of the Tier 1 Inclusionary Criteria (see above). Permits are not required at Tier 2 sites/releases and response actions may be performed under the supervision of an LSP without prior DEP approval. All pre-1993 transition sites that have accepted waivers are categorically Tier 2 sites.

Status Date: 01/22/2018
Phase: PHASE II
Response Action Outcome: -
Oil Or Haz Material: Hazardous Material
Location Type: COMMERCIAL
Source: USE
Source: SITE
Source: HISTORICAL

[Click here to access the MA DEP site for this facility:](#)

Chemicals:

Chemical: AROCLOR 1254
Quantity: 61.2 milligrams per kilogram
Chemical: ANTIMONY
Quantity: 1650 milligrams per kilogram
Chemical: POLYCHLORINATED BIPHENYLS (PCBS)
Quantity: 16.1 milligrams per kilogram
Chemical: ARSENIC
Quantity: 37.5 milligrams per kilogram
Chemical: BIS(2-ETHYLHEXYL)PHTHALATE
Quantity: 1060 milligrams per kilogram

Map ID
Direction
Distance
Elevation

Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

NO LOCATION AID (Continued)

S120630255

Chemical:	LEAD
Quantity:	42600 milligrams per kilogram
Chemical:	AROCLOR 1242
Quantity:	55.6 milligrams per kilogram
Actions:	
Action Type:	Tier Classification
Action Status:	Tier 2 Classification
Action Date:	1/22/2018
Response Action Outcome:	Not reported
Action Type:	Tier Classification
Action Status:	Transmittal, Notice, or Notification Received
Action Date:	1/22/2018
Response Action Outcome:	Not reported
Action Type:	Phase 1
Action Status:	Completion Statement Received
Action Date:	1/22/2018
Response Action Outcome:	Not reported
Action Type:	Phase 2
Action Status:	Scope of Work Received
Action Date:	1/22/2018
Response Action Outcome:	Not reported
Action Type:	Release Disposition
Action Status:	Reportable Release under MGL 21E
Action Date:	1/23/2017
Response Action Outcome:	Not reported
Action Type:	Immediate Response Action
Action Status:	Oral Approval of Plan or Action
Action Date:	1/23/2017
Response Action Outcome:	Not reported
Action Type:	Tier Classification
Action Status:	Legal Notice Published
Action Date:	1/29/2018
Response Action Outcome:	Not reported
Action Type:	Immediate Response Action
Action Status:	Status or Interim Report Received
Action Date:	11/22/2017
Response Action Outcome:	Not reported
Action Type:	Immediate Response Action
Action Status:	Level I - Technical Screen Audit
Action Date:	11/27/2017
Response Action Outcome:	Not reported
Action Type:	A Notice sent to a Potentially Responsible Party (PRP)
Action Status:	ALSENT
Action Date:	11/6/2017
Response Action Outcome:	Not reported
Action Type:	A Notice sent to a Potentially Responsible Party (PRP)
Action Status:	A MassDEP piece of correspondence was issued (approvals, NORs, etc.)

Map ID	Site	MAP FINDINGS	Database(s)	EDR ID Number
Direction				EPA ID Number
Distance				
Elevation				

NO LOCATION AID (Continued)
S120630255

Action Date:	2/24/2017
Response Action Outcome:	Not reported
Action Type:	RNFE
Action Status:	Transmittal, Notice, or Notification Received
Action Date:	3/24/2017
Response Action Outcome:	Not reported
Action Type:	RNF
Action Status:	Reportable Release under MGL 21E
Action Date:	3/24/2017
Response Action Outcome:	Not reported
Action Type:	Immediate Response Action
Action Status:	Written Plan Received
Action Date:	3/24/2017
Response Action Outcome:	Not reported
Action Type:	Immediate Response Action
Action Status:	Imminent Hazard Evaluation Received
Action Date:	3/24/2017
Response Action Outcome:	Not reported
Action Type:	Immediate Response Action
Action Status:	Level I - Technical Screen Audit
Action Date:	3/27/2017
Response Action Outcome:	Not reported
Action Type:	Immediate Response Action
Action Status:	Status or Interim Report Received
Action Date:	5/23/2017
Response Action Outcome:	Not reported
Action Type:	Immediate Response Action
Action Status:	Status or Interim Report Received
Action Date:	5/24/2018
Response Action Outcome:	Not reported
Action Type:	Immediate Response Action
Action Status:	Level I - Technical Screen Audit
Action Date:	5/25/2017
Response Action Outcome:	Not reported
Action Type:	A Notice sent to a Potentially Responsible Party (PRP)
Action Status:	A MassDEP piece of correspondence was issued (approvals, NORs, etc.
Action Date:	6/15/2017
Response Action Outcome:	Not reported
Release Tracking Number/Current Status:	3-0034062 / TIERII
Release Town:	MIDDLETON
Notification Date:	01/23/2017
Category:	TWO HR
Associated ID:	Not reported
Current Status:	Tier II, A site/release receiving a total NRS score of less than 350, unless the site meets any of the Tier 1 Inclusionary Criteria (see above). Permits are not required at Tier 2 sites/releases and

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

NO LOCATION AID (Continued)

S120630255

response actions may be performed under the supervision of an LSP without prior DEP approval. All pre-1993 transition sites that have accepted waivers are categorically Tier 2 sites.

Status Date: 01/22/2018
Phase: PHASE II
Response Action Outcome: -
Oil Or Haz Material: Hazardous Material
Location Type: COMMERCIAL
Source: USE
Source: SITE
Source: HISTORICAL

[Click here to access the MA DEP site for this facility:](#)

Chemicals:

Chemical: AROCLOR 1254
Quantity: 61.2 milligrams per kilogram
Chemical: ANTIMONY
Quantity: 1650 milligrams per kilogram
Chemical: POLYCHLORINATED BIPHENYLS (PCBS)
Quantity: 16.1 milligrams per kilogram
Chemical: ARSENIC
Quantity: 37.5 milligrams per kilogram
Chemical: BIS(2-ETHYLHEXYL)PHTHALATE
Quantity: 1060 milligrams per kilogram
Chemical: LEAD
Quantity: 42600 milligrams per kilogram
Chemical: AROCLOR 1242
Quantity: 55.6 milligrams per kilogram

Actions:

Action Type: Tier Classification
Action Status: Tier 2 Classification
Action Date: 1/22/2018
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: Transmittal, Notice, or Notification Received
Action Date: 1/22/2018
Response Action Outcome: Not reported

Action Type: Phase 1
Action Status: Completion Statement Received
Action Date: 1/22/2018
Response Action Outcome: Not reported

Action Type: Phase 2
Action Status: Scope of Work Received
Action Date: 1/22/2018
Response Action Outcome: Not reported

Action Type: Release Disposition
Action Status: Reportable Release under MGL 21E
Action Date: 1/23/2017
Response Action Outcome: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

NO LOCATION AID (Continued)

S120630255

Action Type:	Immediate Response Action
Action Status:	Oral Approval of Plan or Action
Action Date:	1/23/2017
Response Action Outcome:	Not reported
Action Type:	Tier Classification
Action Status:	Legal Notice Published
Action Date:	1/29/2018
Response Action Outcome:	Not reported
Action Type:	Immediate Response Action
Action Status:	Status or Interim Report Received
Action Date:	11/22/2017
Response Action Outcome:	Not reported
Action Type:	Immediate Response Action
Action Status:	Level I - Technical Screen Audit
Action Date:	11/27/2017
Response Action Outcome:	Not reported
Action Type:	A Notice sent to a Potentially Responsible Party (PRP)
Action Status:	ALSENT
Action Date:	11/6/2017
Response Action Outcome:	Not reported
Action Type:	A Notice sent to a Potentially Responsible Party (PRP)
Action Status:	A MassDEP piece of correspondence was issued (approvals, NORs, etc.
Action Date:	2/24/2017
Response Action Outcome:	Not reported
Action Type:	RNFE
Action Status:	Transmittal, Notice, or Notification Received
Action Date:	3/24/2017
Response Action Outcome:	Not reported
Action Type:	RNF
Action Status:	Reportable Release under MGL 21E
Action Date:	3/24/2017
Response Action Outcome:	Not reported
Action Type:	Immediate Response Action
Action Status:	Written Plan Received
Action Date:	3/24/2017
Response Action Outcome:	Not reported
Action Type:	Immediate Response Action
Action Status:	Imminent Hazard Evaluation Received
Action Date:	3/24/2017
Response Action Outcome:	Not reported
Action Type:	Immediate Response Action
Action Status:	Level I - Technical Screen Audit
Action Date:	3/27/2017
Response Action Outcome:	Not reported
Action Type:	Immediate Response Action
Action Status:	Status or Interim Report Received

Map ID	Site	MAP FINDINGS	Database(s)	EDR ID Number
Direction				EPA ID Number
Distance				

NO LOCATION AID (Continued)
S120630255

Action Date:	5/23/2017
Response Action Outcome:	Not reported
Action Type:	Immediate Response Action
Action Status:	Status or Interim Report Received
Action Date:	5/24/2018
Response Action Outcome:	Not reported
Action Type:	Immediate Response Action
Action Status:	Level I - Technical Screen Audit
Action Date:	5/25/2017
Response Action Outcome:	Not reported
Action Type:	A Notice sent to a Potentially Responsible Party (PRP)
Action Status:	A MassDEP piece of correspondence was issued (approvals, NORs, etc.
Action Date:	6/15/2017
Response Action Outcome:	Not reported

Release Tracking Number/Current Status:	3-0034062 / TIERII
Release Town:	MIDDLETON
Notification Date:	01/23/2017
Category:	TWO HR
Associated ID:	Not reported
Current Status:	Tier II, A site/release receiving a total NRS score of less than 350, unless the site meets any of the Tier 1 Inclusionary Criteria (see above). Permits are not required at Tier 2 sites/releases and response actions may be performed under the supervision of an LSP without prior DEP approval. All pre-1993 transition sites that have accepted waivers are categorically Tier 2 sites.
Status Date:	01/22/2018
Phase:	PHASE II
Response Action Outcome:	-
Oil Or Haz Material:	Hazardous Material
Location Type:	COMMERCIAL
Source:	USE
Source:	SITE
Source:	HISTORICAL

[Click here to access the MA DEP site for this facility](#):

Chemicals:	
Chemical:	AROCLOR 1254
Quantity:	61.2 milligrams per kilogram
Chemical:	ANTIMONY
Quantity:	1650 milligrams per kilogram
Chemical:	POLYCHLORINATED BIPHENYLS (PCBS)
Quantity:	16.1 milligrams per kilogram
Chemical:	ARSENIC
Quantity:	37.5 milligrams per kilogram
Chemical:	BIS(2-ETHYLHEXYL)PHTHALATE
Quantity:	1060 milligrams per kilogram
Chemical:	LEAD
Quantity:	42600 milligrams per kilogram
Chemical:	AROCLOR 1242
Quantity:	55.6 milligrams per kilogram

Map ID
Direction
Distance
Elevation

Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

NO LOCATION AID (Continued)

S120630255

Actions:

Action Type:	Tier Classification
Action Status:	Tier 2 Classification
Action Date:	1/22/2018
Response Action Outcome:	Not reported
Action Type:	Tier Classification
Action Status:	Transmittal, Notice, or Notification Received
Action Date:	1/22/2018
Response Action Outcome:	Not reported
Action Type:	Phase 1
Action Status:	Completion Statement Received
Action Date:	1/22/2018
Response Action Outcome:	Not reported
Action Type:	Phase 2
Action Status:	Scope of Work Received
Action Date:	1/22/2018
Response Action Outcome:	Not reported
Action Type:	Release Disposition
Action Status:	Reportable Release under MGL 21E
Action Date:	1/23/2017
Response Action Outcome:	Not reported
Action Type:	Immediate Response Action
Action Status:	Oral Approval of Plan or Action
Action Date:	1/23/2017
Response Action Outcome:	Not reported
Action Type:	Tier Classification
Action Status:	Legal Notice Published
Action Date:	1/29/2018
Response Action Outcome:	Not reported
Action Type:	Immediate Response Action
Action Status:	Status or Interim Report Received
Action Date:	11/22/2017
Response Action Outcome:	Not reported
Action Type:	Immediate Response Action
Action Status:	Level I - Technical Screen Audit
Action Date:	11/27/2017
Response Action Outcome:	Not reported
Action Type:	A Notice sent to a Potentially Responsible Party (PRP)
Action Status:	ALSENT
Action Date:	11/6/2017
Response Action Outcome:	Not reported
Action Type:	A Notice sent to a Potentially Responsible Party (PRP)
Action Status:	A MassDEP piece of correspondence was issued (approvals, NORs, etc.)
Action Date:	2/24/2017
Response Action Outcome:	Not reported
Action Type:	RNFE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

NO LOCATION AID (Continued)

S120630255

Action Status:	Transmittal, Notice, or Notification Received
Action Date:	3/24/2017
Response Action Outcome:	Not reported
Action Type:	RNF
Action Status:	Reportable Release under MGL 21E
Action Date:	3/24/2017
Response Action Outcome:	Not reported
Action Type:	Immediate Response Action
Action Status:	Written Plan Received
Action Date:	3/24/2017
Response Action Outcome:	Not reported
Action Type:	Immediate Response Action
Action Status:	Imminent Hazard Evaluation Received
Action Date:	3/24/2017
Response Action Outcome:	Not reported
Action Type:	Immediate Response Action
Action Status:	Level I - Technical Screen Audit
Action Date:	3/27/2017
Response Action Outcome:	Not reported
Action Type:	Immediate Response Action
Action Status:	Status or Interim Report Received
Action Date:	5/23/2017
Response Action Outcome:	Not reported
Action Type:	Immediate Response Action
Action Status:	Status or Interim Report Received
Action Date:	5/24/2018
Response Action Outcome:	Not reported
Action Type:	Immediate Response Action
Action Status:	Level I - Technical Screen Audit
Action Date:	5/25/2017
Response Action Outcome:	Not reported
Action Type:	A Notice sent to a Potentially Responsible Party (PRP)
Action Status:	A MassDEP piece of correspondence was issued (approvals, NORs, etc.
Action Date:	6/15/2017
Response Action Outcome:	Not reported

Release:

Release Tracking Number/Current Status:	3-0034062 / TIERII
Primary ID:	Not reported
Official City:	MIDDLETON
Notification:	01/23/2017
Category:	TWO HR
Status Date:	01/22/2018
Phase:	PHASE II
Response Action Outcome:	-
Oil / Haz Material Type:	Hazardous Material

Map ID	Site	MAP FINDINGS	Database(s)	EDR ID Number
Direction				EPA ID Number
Distance				
Elevation				

NO LOCATION AID (Continued)
S120630255

Click here to access the MA DEP site for this facility:

Actions:

Action Type:	Tier Classification
Action Status:	Tier 2 Classification
Action Date:	1/22/2018
Response Action Outcome:	Not reported
Action Type:	Tier Classification
Action Status:	Transmittal, Notice, or Notification Received
Action Date:	1/22/2018
Response Action Outcome:	Not reported
Action Type:	Phase 1
Action Status:	Completion Statement Received
Action Date:	1/22/2018
Response Action Outcome:	Not reported
Action Type:	Phase 2
Action Status:	Scope of Work Received
Action Date:	1/22/2018
Response Action Outcome:	Not reported
Action Type:	Release Disposition
Action Status:	Reportable Release under MGL 21E
Action Date:	1/23/2017
Response Action Outcome:	Not reported
Action Type:	Immediate Response Action
Action Status:	Oral Approval of Plan or Action
Action Date:	1/23/2017
Response Action Outcome:	Not reported
Action Type:	Tier Classification
Action Status:	Legal Notice Published
Action Date:	1/29/2018
Response Action Outcome:	Not reported
Action Type:	Immediate Response Action
Action Status:	Status or Interim Report Received
Action Date:	11/22/2017
Response Action Outcome:	Not reported
Action Type:	Immediate Response Action
Action Status:	Level I - Technical Screen Audit
Action Date:	11/27/2017
Response Action Outcome:	Not reported
Action Type:	A Notice sent to a Potentially Responsible Party (PRP)
Action Status:	ALSENT
Action Date:	11/6/2017
Response Action Outcome:	Not reported
Action Type:	A Notice sent to a Potentially Responsible Party (PRP)
Action Status:	A MassDEP piece of correspondence was issued (approvals, NORs, etc.)
Action Date:	2/24/2017
Response Action Outcome:	Not reported

Map ID
Direction
Distance
Elevation

Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

NO LOCATION AID (Continued)

S120630255

Action Type:	RNFE
Action Status:	Transmittal, Notice, or Notification Received
Action Date:	3/24/2017
Response Action Outcome:	Not reported
Action Type:	RNF
Action Status:	Reportable Release under MGL 21E
Action Date:	3/24/2017
Response Action Outcome:	Not reported
Action Type:	Immediate Response Action
Action Status:	Written Plan Received
Action Date:	3/24/2017
Response Action Outcome:	Not reported
Action Type:	Immediate Response Action
Action Status:	Imminent Hazard Evaluation Received
Action Date:	3/24/2017
Response Action Outcome:	Not reported
Action Type:	Immediate Response Action
Action Status:	Level I - Technical Screen Audit
Action Date:	3/27/2017
Response Action Outcome:	Not reported
Action Type:	Immediate Response Action
Action Status:	Status or Interim Report Received
Action Date:	5/23/2017
Response Action Outcome:	Not reported
Action Type:	Immediate Response Action
Action Status:	Status or Interim Report Received
Action Date:	5/24/2018
Response Action Outcome:	Not reported
Action Type:	Immediate Response Action
Action Status:	Level I - Technical Screen Audit
Action Date:	5/25/2017
Response Action Outcome:	Not reported
Action Type:	A Notice sent to a Potentially Responsible Party (PRP)
Action Status:	A MassDEP piece of correspondence was issued (approvals, NORs, etc.)
Action Date:	6/15/2017
Response Action Outcome:	Not reported
Chemicals:	
Chemical:	AROCLOR 1254
Quantity:	61.2 milligrams per kilogram
Chemical:	ANTIMONY
Quantity:	1650 milligrams per kilogram
Chemical:	POLYCHLORINATED BIPHENYLS (PCBS)
Quantity:	16.1 milligrams per kilogram
Chemical:	ARSENIC
Quantity:	37.5 milligrams per kilogram
Chemical:	BIS(2-ETHYLHEXYL)PHTHALATE
Quantity:	1060 milligrams per kilogram
Chemical:	LEAD

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

NO LOCATION AID (Continued)

S120630255

Quantity: 42600 milligrams per kilogram
Chemical: AROCLOR 1242
Quantity: 55.6 milligrams per kilogram
Location Type: COMMERCIAL
Source: USE
Source: SITE
Source: HISTORICAL

13 **FIRST PETROLEUM**
WNW 30 LAKE ST.
1/2-1 MIDDLETON, MA 01949
0.911 mi.
4810 ft.

SHWS S101034786
SPILLS N/A
RELEASE
ASBESTOS

Relative: SHWS:
Higher: Release Tracking Number/Current Status: 3-0022987 / RAO
Actual: Release Town: MIDDLETON
Notification Date: 07/01/2003
Category: TWO HR
Associated ID: Not reported
Current Status: **Response Action Outcome**
Status Date: 09/03/2003
Phase: Not reported
Response Action Outcome: A1 - A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.
Oil Or Haz Material: Hazardous Material
Location Type: MUNICIPAL

[Click here to access the MA DEP site for this facility:](#)

Chemicals:
Chemical: SODIUM ALUMINATE
Quantity: 150 gallons
Chemical: SODIUM
Quantity: Not reported

Actions:
Action Type: Immediate Response Action
Action Status: Oral Approval of Plan or Action
Action Date: 7/1/2003
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: Release Disposition
Action Status: Reportable Release under MGL 21E
Action Date: 7/1/2003
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: A Notice sent to a Potentially Responsible Party (PRP)
Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.)
Action Date: 7/22/2003
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: RNF
Action Status: Reportable Release under MGL 21E

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

EDR ID Number
EPA ID Number
Database(s)

FIRST PETROLEUM (Continued)

S101034786

Action Date:	9/3/2003
Response Action Outcome:	A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.
Action Type:	Response Action Outcome - RAO
Action Status:	RAO Statement Received
Action Date:	9/3/2003
Response Action Outcome:	A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

MA Spills:

Facility ID:	0000	Spill ID:	N90-1901
Staff Lead:	STEWART, B	Date Entered:	19910206
Last Entered:	19931215	First Response:	19901119
Spill Date:	Not reported	Spill Time:	Not reported
Report Date:	19901119	Report Time:	09:10AM
Case Closed:	YES	Mat Type:	PETROLEUM
Virgin Waste:	VIRGIN	Contam Soil:	Not reported
Env Impact:	SOIL	Other Impact:	Not reported
Material:	DIESEL FUEL	Other Material:	Not reported
Qty Reported:	51-100	Qty Actual:	UNKNOWN
Qty Reported:	GALLONS	Qty Actual:	GALLONS
CAS No:	Not reported	PCB Lev (ppm):	NONE
Source:	PIPE/HOSE/LINE	Other Source:	Not reported
Incident:	OVERFILL	Other Incdnt:	Not reported
Cleanup Type:	---	Contractor:	NOT USED
Referral:	NO	LUST Elig:	---
Report Prep:	Not reported	Category:	Not reported
Notifier:	DON BANCROFT, TOWN OF DANVERS		
Notif Tel:	Not reported		
Days/Close:	0		
Facility ID:	0000	Spill ID:	N90-1594
Staff Lead:	STUGER, B	Date Entered:	19901017
Last Entered:	19901017	First Response:	19900926
Spill Date:	19900926	Spill Time:	Not reported
Report Date:	19900926	Report Time:	09:27AM
Case Closed:	YES	Mat Type:	PETROLEUM
Virgin Waste:	-----	Contam Soil:	Not reported
Env Impact:	SOIL	Other Impact:	Not reported
Material:	ASPHALT	Other Material:	Not reported
Qty Reported:	UNKNOWN	Qty Actual:	UNKNOWN
Qty Reported:	-----	Qty Actual:	-----
CAS No:	Not reported	PCB Lev (ppm):	NONE
Source:	-----	Other Source:	Not reported
Incident:	DUMPING	Other Incdnt:	Not reported
Cleanup Type:	---	Contractor:	NOT USED
Referral:	SW	LUST Elig:	NO
Report Prep:	Not reported	Category:	Not reported
Notifier:	ANONYMOUS		
Notif Tel:	Not reported		
Days/Close:	1		
Facility ID:	0000	Spill ID:	N92-0201
Staff Lead:	MACAFEE, K	Date Entered:	19920312
Last Entered:	19920828	First Response:	19920219

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

FIRST PETROLEUM (Continued)

S101034786

Spill Date:	Not reported	Spill Time:	Not reported
Report Date:	19920219	Report Time:	09:30AM
Case Closed:	YES	Mat Type:	PETROLEUM
Virgin Waste:	VIRGIN	Contam Soil:	Not reported
Env Impact:	SOIL	Other Impact:	Not reported
Material:	DIESEL FUEL	Other Material:	Not reported
Qty Reported:	UNKNOWN	Qty Actual:	-----
Qty Reported:	-----	Qty Actual:	-----
CAS No:	Not reported	PCB Lev (ppm):	-----
Source:	U.S.T.	Other Source:	Not reported
Incident:	LEAK	Other Incdnt:	Not reported
Cleanup Type:	---	Contractor:	NOT USED
Referral:	NO	LUST Elig:	NO
Report Prep:	Not reported	Category:	2
Notifier:	D BANCROFT/DANVERS WWTF		
Notif Tel:	Not reported		
Days/Close:	197		

Release:

Release Tracking Number/Current Status:	3-0022987 / RAO
Primary ID:	Not reported
Official City:	MIDDLETON
Notification:	07/01/2003
Category:	TWO HR
Status Date:	09/03/2003
Phase:	Not reported
Response Action Outcome:	A1 - A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.
Oil / Haz Material Type:	Hazardous Material

[Click here to access the MA DEP site for this facility:](#)

Actions:

Action Type:	Immediate Response Action
Action Status:	Oral Approval of Plan or Action
Action Date:	7/1/2003
Response Action Outcome:	A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.
Action Type:	Release Disposition
Action Status:	Reportable Release under MGL 21E
Action Date:	7/1/2003
Response Action Outcome:	A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.
Action Type:	A Notice sent to a Potentially Responsible Party (PRP)
Action Status:	A MassDEP piece of correspondence was issued (approvals, NORs, etc.
Action Date:	7/22/2003
Response Action Outcome:	A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.
Action Type:	RNF
Action Status:	Reportable Release under MGL 21E
Action Date:	9/3/2003
Response Action Outcome:	A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

FIRST PETROLEUM (Continued)

S101034786

Action Type:	Response Action Outcome - RAO
Action Status:	RAO Statement Received
Action Date:	9/3/2003
Response Action Outcome:	A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.
Chemicals:	
Chemical:	SODIUM ALUMINATE
Quantity:	150 gallons
Chemical:	SODIUM
Quantity:	Not reported
Location Type:	MUNICIPAL
ASBESTOS:	
Notification:	Not reported
DEP Region:	Not reported
Notifiers Name:	Not reported
Start Date:	02/06/2013
End Date:	02/22/2013
Date Entered:	Not reported
Entry Date:	01/25/2013
Quantity Material Removed SF:	.00
Quantity Material Removed LF:	240.00
Project Description:	Other:
AR Tracking ID:	168712
Super Lic Number:	AS040944
Monitor Lic Number:	Not reported
Lab Lic Number:	Not reported
Year:	2013
Sticker Number:	100171314
Form Type:	ANF-001
Fee Status:	Fifty
Facility Phone:	6032312765
Sub Town:	Not reported
Worksite:	WWTP
Occupied:	-1
Contractor:	AC000096
Contract Type:	Off
Hours:	Week days: 7:00 AM Week end: 7:00 AM
Project Type:	Renv
Abatement Process:	Glv
Location:	Indoors
Decon Process:	3-CHAMBER DECONS
Disposal Methods:	6-MIL, BLACK ACM-DISPOSAL BAGS AND/OR FIBER DRUMS
Facility Usage:	MANUFACTURING
Waiver Given:	Not reported
DEP Waiver Number:	Not reported
DLWD Waiver Number:	Not reported
Small Owner Occ:	5
Owner Name:	WATERLINE INDUSTRIES CORP
Owner Address:	7 LONDON LANE
Owner City:	SEABROOK
Owner State:	MA
On Site Manager Name:	Not reported
On Site Manager Phone:	Not reported
Ins Comp:	Not reported

Map ID
Direction
Distance
Elevation

Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

FIRST PETROLEUM (Continued)

S101034786

Policy Number: Not reported
EXP Date: Not reported
Facility Size: 7000
Transporter Name: YANKEE FIBER CONTROL, INC.
Transporter Address: 50 INDUSTRIAL WAY
Transporter City: SEEKONK
Transporter State: Not reported
Final Site: 39
Certified Name: JIM HUTZLER
Cert Sign Date: 01/25/2013
Certified Company: YANKEE FIBER CONTROL
Certified Phone: 5083435115
Entered_by: Not reported

Notification: Not reported
DEP Region: Not reported
Notifiers Name: Not reported
Start Date: 11/28/2012
End Date: 12/23/2012
Date Entered: Not reported
Entry Date: 10/25/2012
Quantity Material Removed SF: .00
Quantity Material Removed LF: 240.00
Project Description: Other:
AR Tracking ID: 165222
Super Lic Number: AS040944
Monitor Lic Number: Not reported
Lab Lic Number: Not reported
Year: 2012
Sticker Number: 100162427
Form Type: ANF-001
Fee Status: Fifty
Facility Phone: 6032312765
Sub Town: Not reported
Worksite: WWTP
Occupied: -1
Contractor: AC000096
Contract Type: WRITTEN
Hours: Week days: 7:00 AM Week end: 7:00 AM
Project Type: Renv
Abatement Process: Glv
Location: Indoors
Decon Process: 3-CHAMBER DECONS
Disposal Methods: 6-MIL, BLACK ACM-DISPOSAL BAGS AND/OR FIBER DRUMS
Facility Usage: MANUFACTURING
Waiver Given: Not reported
DEP Waiver Number: Not reported
DLWD Waiver Number: Not reported
Small Owner Occ: 5
Owner Name: WATERLINE INDUSTRIES CORP
Owner Address: 7 LONDON LANE
Owner City: SEABROOK
Owner State: MA
On Site Manager Name: Not reported
On Site Manager Phone: Not reported
Ins Comp: Not reported
Policy Number: Not reported

Map ID
Direction
Distance
Elevation

Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

FIRST PETROLEUM (Continued)

S101034786

EXP Date: Not reported
Facility Size: 7000
Transporter Name: YANKEE FIBER CONTROL, INC.
Transporter Address: 50 INDUSTRIAL WAY
Transporter City: SEEKONK
Transporter State: Not reported
Final Site: 39
Certified Name: JIM HUTZLER
Cert Sign Date: 10/25/2012
Certified Company: YANKEE FIBER CONTROL
Certified Phone: 5083435115
Entered_by: Not reported

14 QUARTER MILE NORTH OF 114 AND 62 SHWS S101017287
NNW 73 NORTH MAIN ST LUST N/A
1/2-1 MIDDLETON, MA 01949 SPILLS
0.922 mi. RELEASE
4869 ft.

Relative: SHWS:
Higher Release Tracking Number/Current Status: 3-0001376 / DEPNFA
Actual: Release Town: MIDDLETON
117 ft. Notification Date: 10/15/1989
Category: NONE
Associated ID: Not reported
Current Status: **No Further Action (DEP Determined)**
Status Date: 04/03/1996
Phase: Not reported
Response Action Outcome: -
Oil Or Haz Material: Not reported

[Click here to access the MA DEP site for this facility:](#)

Chemicals:
Chemical: UNKNOWN
Quantity: Not reported

Actions:
Action Type: Release Disposition
Action Status: Valid Transition Site
Action Date: 10/15/1989
Response Action Outcome: Not reported

Action Type: TREGS
Action Status: DEPNFA
Action Date: 4/3/1996
Response Action Outcome: Not reported

LUST:

Facility:
Release Tracking Number/Current Status: 3-0020892 / RAO
Status Date: 09/06/2001
Source Type: UST
Release Town: MIDDLETON
Notification Date: 07/09/2001

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

QUARTER MILE NORTH OF 114 AND 62 (Continued)

S101017287

Category: 72 HR
Associated ID: Not reported
Phase: Not reported
Response Action Outcome: A1 - A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.
Oil Or Haz Material: Oil

Location Type: COMMERCIAL
Source: UST

Click here to access the MA DEP site for this facility:

Chemicals:

Chemical: GASOLINE
Quantity: Not reported

Actions:

Action Type: Immediate Response Action
Action Status: Oral Approval of Plan or Action
Action Date: 7/10/2001
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: Release Disposition
Action Status: Reportable Release under MGL 21E
Action Date: 7/9/2001
Response Action Outcome:

A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: A Notice sent to a Potentially Responsible Party (PRP)
Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.
Action Date: 8/10/2001
Response Action Outcome:

A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: RNF
Action Status: Reportable Release under MGL 21E
Action Date: 9/27/2001
Response Action Outcome:

A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: Response Action Outcome - RAO
Action Status: RAO Statement Received
Action Date: 9/6/2001
Response Action Outcome:

A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

MA Spills:

Facility ID: 3-1376
Staff Lead: FONKEM, V
Last Entered: 19940201
Spill Date: 19870806
Report Date: 19870806
Case Closed: YES

Spill ID: N87-1089
Date Entered: 19871001
First Response: 19870806
Spill Time: Not reported
Report Time: 03:00
Mat Type: PETROLEUM

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

QUARTER MILE NORTH OF 114 AND 62 (Continued)

S101017287

Virgin Waste:	VIRGIN	Contam Soil:	Not reported
Env Impact:	Not reported	Other Impact:	Not reported
Material:	GASOLINE	Other Material:	Not reported
Qty Reported:	NONE	Qty Actual:	NONE
Qty Reported:		Qty Actual:	
CAS No:	Not reported	PCB Lev (ppm):	Not reported
Source:	U.S.T.	Other Source:	Not reported
Incident:	TANK REMOVAL	Other Incnt:	Not reported
Cleanup Type:	Not reported	Contractor:	NOT USED
Referral:	SA	LUST Elig:	Not reported
Report Prep:	Not reported	Category:	Not reported
Notifier:	Not reported		
Notif Tel:	Not reported		
Days/Close:	0		

Release:

Release Tracking Number/Current Status:	3-0001376 / DEPNFA
Primary ID:	Not reported
Official City:	MIDDLETON
Notification:	10/15/1989
Category:	NONE
Status Date:	04/03/1996
Phase:	Not reported
Response Action Outcome:	-
Oil / Haz Material Type:	Not reported

[Click here to access the MA DEP site for this facility:](#)

Actions:

Action Type:	Release Disposition
Action Status:	Valid Transition Site
Action Date:	10/15/1989
Response Action Outcome:	Not reported
Action Type:	TREGS
Action Status:	DEPNFA
Action Date:	4/3/1996
Response Action Outcome:	Not reported

Chemicals:

Chemical:	UNKNOWN
Quantity:	Not reported

Release Tracking Number/Current Status: 3-0020892 / RAO

Primary ID:	Not reported
Official City:	MIDDLETON
Notification:	07/09/2001
Category:	72 HR
Status Date:	09/06/2001
Phase:	Not reported
Response Action Outcome:	A1 - A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.
Oil / Haz Material Type:	Oil

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

QUARTER MILE NORTH OF 114 AND 62 (Continued)

S101017287

Click here to access the MA DEP site for this facility:

Actions:

Action Type: Immediate Response Action
Action Status: Oral Approval of Plan or Action
Action Date: 7/10/2001
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: Release Disposition
Action Status: Reportable Release under MGL 21E
Action Date: 7/9/2001
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: A Notice sent to a Potentially Responsible Party (PRP)
Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.
Action Date: 8/10/2001
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: RNF
Action Status: Reportable Release under MGL 21E
Action Date: 9/27/2001
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: Response Action Outcome - RAO
Action Status: RAO Statement Received
Action Date: 9/6/2001
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Chemicals:

Chemical: GASOLINE
Quantity: Not reported
Location Type: COMMERCIAL
Source: UST

Count: 6 records.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
DANVERS	S117964766	LIBERTY STREET BRIDGE	LIBERTY STREET	01923	SHWS, RELEASE
MIDDLETON	S111739410	EMERSON BROOK RESERVOIR	FOREST STREET	01949	SHWS, RELEASE
MIDDLETON	S109330265	JOHNSON DUMP SITE	NORTH MAIN ST	01949	SWF/LF
MIDDLETON	1003862333	BASTILE CORP	MAIN STREET	01949	SEMS-ARCHIVE
MIDDLETON	S117277484	ROADWAY SPILL ADJ 21&23 MEADOW DRI	MEADOW DRIVE		SHWS, RELEASE
NORTH READING	S110303489	LOT 179	LITTLE MEADOW WAY	01864	SHWS, RELEASE

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

Number of Days to Update: Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL: National Priority List

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 12/12/2018	Source: EPA
Date Data Arrived at EDR: 12/28/2018	Telephone: N/A
Date Made Active in Reports: 01/11/2019	Last EDR Contact: 12/28/2018
Number of Days to Update: 14	Next Scheduled EDR Contact: 04/15/2019
	Data Release Frequency: Quarterly

NPL Site Boundaries

Sources:

EPA's Environmental Photographic Interpretation Center (EPIC)
Telephone: 202-564-7333

EPA Region 1	EPA Region 6
Telephone 617-918-1143	Telephone: 214-655-6659

EPA Region 3	EPA Region 7
Telephone 215-814-5418	Telephone: 913-551-7247

EPA Region 4	EPA Region 8
Telephone 404-562-8033	Telephone: 303-312-6774

EPA Region 5	EPA Region 9
Telephone 312-886-6686	Telephone: 415-947-4246

EPA Region 10	
Telephone 206-553-8665	

Proposed NPL: Proposed National Priority List Sites

A site that has been proposed for listing on the National Priorities List through the issuance of a proposed rule in the Federal Register. EPA then accepts public comments on the site, responds to the comments, and places on the NPL those sites that continue to meet the requirements for listing.

Date of Government Version: 12/12/2018	Source: EPA
Date Data Arrived at EDR: 12/28/2018	Telephone: N/A
Date Made Active in Reports: 01/11/2019	Last EDR Contact: 12/28/2018
Number of Days to Update: 14	Next Scheduled EDR Contact: 04/15/2019
	Data Release Frequency: Quarterly

NPL LIENS: Federal Superfund Liens

Federal Superfund Liens. Under the authority granted the USEPA by CERCLA of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/15/1991
Date Data Arrived at EDR: 02/02/1994
Date Made Active in Reports: 03/30/1994
Number of Days to Update: 56

Source: EPA
Telephone: 202-564-4267
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

Federal Delisted NPL site list

Delisted NPL: National Priority List Deletions

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 12/12/2018
Date Data Arrived at EDR: 12/28/2018
Date Made Active in Reports: 01/11/2019
Number of Days to Update: 14

Source: EPA
Telephone: N/A
Last EDR Contact: 12/28/2018
Next Scheduled EDR Contact: 04/15/2019
Data Release Frequency: Quarterly

Federal CERCLIS list

FEDERAL FACILITY: Federal Facility Site Information listing

A listing of National Priority List (NPL) and Base Realignment and Closure (BRAC) sites found in the Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) Database where EPA Federal Facilities Restoration and Reuse Office is involved in cleanup activities.

Date of Government Version: 11/07/2016
Date Data Arrived at EDR: 01/05/2017
Date Made Active in Reports: 04/07/2017
Number of Days to Update: 92

Source: Environmental Protection Agency
Telephone: 703-603-8704
Last EDR Contact: 01/04/2019
Next Scheduled EDR Contact: 04/15/2019
Data Release Frequency: Varies

SEMS: Superfund Enterprise Management System

SEMS (Superfund Enterprise Management System) tracks hazardous waste sites, potentially hazardous waste sites, and remedial activities performed in support of EPA's Superfund Program across the United States. The list was formerly known as CERCLIS, renamed to SEMS by the EPA in 2015. The list contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). This dataset also contains sites which are either proposed to or on the National Priorities List (NPL) and the sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 12/12/2018
Date Data Arrived at EDR: 12/28/2018
Date Made Active in Reports: 01/11/2019
Number of Days to Update: 14

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 12/28/2018
Next Scheduled EDR Contact: 01/28/2019
Data Release Frequency: Quarterly

Federal CERCLIS NFRAP site list

SEMS-ARCHIVE: Superfund Enterprise Management System Archive

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

SEMS-ARCHIVE (Superfund Enterprise Management System Archive) tracks sites that have no further interest under the Federal Superfund Program based on available information. The list was formerly known as the CERCLIS-NFRAP, renamed to SEMS ARCHIVE by the EPA in 2015. EPA may perform a minimal level of assessment work at a site while it is archived if site conditions change and/or new information becomes available. Archived sites have been removed and archived from the inventory of SEMS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list the site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. The decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be potential NPL site.

Date of Government Version: 12/13/2018	Source: EPA
Date Data Arrived at EDR: 12/28/2018	Telephone: 800-424-9346
Date Made Active in Reports: 01/11/2019	Last EDR Contact: 12/28/2018
Number of Days to Update: 14	Next Scheduled EDR Contact: 01/28/2019
	Data Release Frequency: Quarterly

Federal RCRA CORRACTS facilities list

CORRACTS: Corrective Action Report
CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 03/01/2018	Source: EPA
Date Data Arrived at EDR: 03/28/2018	Telephone: 800-424-9346
Date Made Active in Reports: 06/22/2018	Last EDR Contact: 12/03/2018
Number of Days to Update: 86	Next Scheduled EDR Contact: 04/08/2019
	Data Release Frequency: Quarterly

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 03/01/2018	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/28/2018	Telephone: (888) 372-7341
Date Made Active in Reports: 06/22/2018	Last EDR Contact: 12/03/2018
Number of Days to Update: 86	Next Scheduled EDR Contact: 04/08/2019
	Data Release Frequency: Quarterly

Federal RCRA generators list

RCRA-LQG: RCRA - Large Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

Date of Government Version: 03/01/2018	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/28/2018	Telephone: (888) 372-7341
Date Made Active in Reports: 06/22/2018	Last EDR Contact: 12/03/2018
Number of Days to Update: 86	Next Scheduled EDR Contact: 04/08/2019
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

RCRA-SQG: RCRA - Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

Date of Government Version: 03/01/2018	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/28/2018	Telephone: (888) 372-7341
Date Made Active in Reports: 06/22/2018	Last EDR Contact: 12/03/2018
Number of Days to Update: 86	Next Scheduled EDR Contact: 04/08/2019
	Data Release Frequency: Quarterly

RCRA-CESQG: RCRA - Conditionally Exempt Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

Date of Government Version: 03/01/2018	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/28/2018	Telephone: (888) 372-7341
Date Made Active in Reports: 06/22/2018	Last EDR Contact: 12/03/2018
Number of Days to Update: 86	Next Scheduled EDR Contact: 04/08/2019
	Data Release Frequency: Quarterly

Federal institutional controls / engineering controls registries

LUCIS: Land Use Control Information System

LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

Date of Government Version: 10/17/2018	Source: Department of the Navy
Date Data Arrived at EDR: 10/25/2018	Telephone: 843-820-7326
Date Made Active in Reports: 12/07/2018	Last EDR Contact: 10/15/2018
Number of Days to Update: 43	Next Scheduled EDR Contact: 02/25/2019
	Data Release Frequency: Varies

US ENG CONTROLS: Engineering Controls Sites List

A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

Date of Government Version: 07/31/2018	Source: Environmental Protection Agency
Date Data Arrived at EDR: 08/28/2018	Telephone: 703-603-0695
Date Made Active in Reports: 09/14/2018	Last EDR Contact: 11/28/2018
Number of Days to Update: 17	Next Scheduled EDR Contact: 03/11/2019
	Data Release Frequency: Varies

US INST CONTROL: Sites with Institutional Controls

A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

Date of Government Version: 07/31/2018	Source: Environmental Protection Agency
Date Data Arrived at EDR: 08/28/2018	Telephone: 703-603-0695
Date Made Active in Reports: 09/14/2018	Last EDR Contact: 11/28/2018
Number of Days to Update: 17	Next Scheduled EDR Contact: 03/11/2019
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Federal ERNS list

ERNS: Emergency Response Notification System

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 09/24/2018

Date Data Arrived at EDR: 09/25/2018

Date Made Active in Reports: 11/09/2018

Number of Days to Update: 45

Source: National Response Center, United States Coast Guard

Telephone: 202-267-2180

Last EDR Contact: 01/08/2019

Next Scheduled EDR Contact: 04/08/2019

Data Release Frequency: Quarterly

State- and tribal - equivalent CERCLIS

SHWS: Site Transition List

Contains information on releases of oil and hazardous materials that have been reported to DEP.

Date of Government Version: 07/10/2018

Date Data Arrived at EDR: 10/03/2018

Date Made Active in Reports: 10/05/2018

Number of Days to Update: 2

Source: Department of Environmental Protection

Telephone: 617-292-5990

Last EDR Contact: 01/09/2019

Next Scheduled EDR Contact: 04/22/2019

Data Release Frequency: Quarterly

State and tribal landfill and/or solid waste disposal site lists

LF PROFILES: Landfill Profiles Listing

This spreadsheet describes landfills that have actively accepted waste or have closed under MassDEP Solid Waste Regulations first adopted in 1971 (310 CMR 16.00 and 310 CMR 19.00). The list does not include landfills that closed before 1971 (and which never had a MassDEP permit or approval), or for which agency data is incomplete.

Date of Government Version: 07/01/2015

Date Data Arrived at EDR: 10/27/2015

Date Made Active in Reports: 12/14/2015

Number of Days to Update: 48

Source: Department of Environmental Protection

Telephone: 617-292-5868

Last EDR Contact: 01/04/2019

Next Scheduled EDR Contact: 04/15/2019

Data Release Frequency: Varies

SWF/LF: Solid Waste Facility Database/Transfer Stations

Solid Waste Facilities/Landfill Sites. SWF/LF type records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. Depending on the state, these may be active or inactive facilities or open dumps that failed to meet RCRA Subtitle D Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 05/01/2018

Date Data Arrived at EDR: 07/05/2018

Date Made Active in Reports: 08/14/2018

Number of Days to Update: 40

Source: Department of Environmental Protection

Telephone: 617-292-5989

Last EDR Contact: 01/04/2019

Next Scheduled EDR Contact: 04/15/2019

Data Release Frequency: Annually

State and tribal leaking storage tank lists

LAST: Leaking Aboveground Storage Tank Sites

Sites within the Releases Database that have a AST listed as its source.

Date of Government Version: 07/10/2018

Date Data Arrived at EDR: 10/03/2018

Date Made Active in Reports: 10/05/2018

Number of Days to Update: 2

Source: Department of Environmental Protection

Telephone: 617-292-5500

Last EDR Contact: 01/09/2019

Next Scheduled EDR Contact: 04/22/2019

Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

LUST: Leaking Underground Storage Tank Listing

Sites within the Leaking Underground Storage Tank Listing that have a UST listed as its source.

Date of Government Version: 07/10/2018	Source: Department of Environmental Protection
Date Data Arrived at EDR: 10/03/2018	Telephone: 617-292-5990
Date Made Active in Reports: 10/05/2018	Last EDR Contact: 01/09/2019
Number of Days to Update: 2	Next Scheduled EDR Contact: 04/22/2019
	Data Release Frequency: Quarterly

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 04/24/2018	Source: EPA Region 7
Date Data Arrived at EDR: 05/18/2018	Telephone: 913-551-7003
Date Made Active in Reports: 07/20/2018	Last EDR Contact: 10/26/2018
Number of Days to Update: 63	Next Scheduled EDR Contact: 02/04/2019
	Data Release Frequency: Varies

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 04/25/2018	Source: EPA Region 8
Date Data Arrived at EDR: 05/18/2018	Telephone: 303-312-6271
Date Made Active in Reports: 07/20/2018	Last EDR Contact: 10/26/2018
Number of Days to Update: 63	Next Scheduled EDR Contact: 02/04/2019
	Data Release Frequency: Varies

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 04/10/2018	Source: Environmental Protection Agency
Date Data Arrived at EDR: 05/18/2018	Telephone: 415-972-3372
Date Made Active in Reports: 07/20/2018	Last EDR Contact: 10/26/2018
Number of Days to Update: 63	Next Scheduled EDR Contact: 02/04/2019
	Data Release Frequency: Varies

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 04/12/2018	Source: EPA Region 10
Date Data Arrived at EDR: 05/18/2018	Telephone: 206-553-2857
Date Made Active in Reports: 07/20/2018	Last EDR Contact: 10/26/2018
Number of Days to Update: 63	Next Scheduled EDR Contact: 02/04/2019
	Data Release Frequency: Varies

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 04/01/2018	Source: EPA Region 6
Date Data Arrived at EDR: 05/18/2018	Telephone: 214-665-6597
Date Made Active in Reports: 07/20/2018	Last EDR Contact: 10/26/2018
Number of Days to Update: 63	Next Scheduled EDR Contact: 02/04/2019
	Data Release Frequency: Varies

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 05/08/2018	Source: EPA Region 4
Date Data Arrived at EDR: 05/18/2018	Telephone: 404-562-8677
Date Made Active in Reports: 07/20/2018	Last EDR Contact: 10/26/2018
Number of Days to Update: 63	Next Scheduled EDR Contact: 02/04/2019
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land

A listing of leaking underground storage tank locations on Indian Land

Date of Government Version: 04/13/2018 Source: EPA Region 1
Date Data Arrived at EDR: 05/18/2018 Telephone: 617-918-1313
Date Made Active in Reports: 07/20/2018 Last EDR Contact: 10/26/2018
Number of Days to Update: 63 Next Scheduled EDR Contact: 02/04/2019
Data Release Frequency: Varies

INDIAN LUST R5: Leaking Underground Storage Tanks on Indian Land

Leaking underground storage tanks located on Indian Land in Michigan, Minnesota and Wisconsin.

Date of Government Version: 04/12/2018 Source: EPA, Region 5
Date Data Arrived at EDR: 05/18/2018 Telephone: 312-886-7439
Date Made Active in Reports: 07/20/2018 Last EDR Contact: 10/26/2018
Number of Days to Update: 63 Next Scheduled EDR Contact: 02/04/2019
Data Release Frequency: Varies

State and tribal registered storage tank lists

FEMA UST: Underground Storage Tank Listing

A listing of all FEMA owned underground storage tanks.

Date of Government Version: 05/15/2017 Source: FEMA
Date Data Arrived at EDR: 05/30/2017 Telephone: 202-646-5797
Date Made Active in Reports: 10/13/2017 Last EDR Contact: 01/08/2019
Number of Days to Update: 136 Next Scheduled EDR Contact: 04/22/2019
Data Release Frequency: Varies

UST: Summary Listing of all the Tanks Registered in the State of Massachusetts
Registered Underground Storage Tanks. UST's are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA) and must be registered with the state department responsible for administering the UST program. Available information varies by state program.

Date of Government Version: 11/02/2018
Date Data Arrived at EDR: 11/08/2018
Date Made Active in Reports: 11/14/2018
Number of Days to Update: 6
Source: Department of Fire Services, Office of the Public Safety
Telephone: 617-556-1035
Last EDR Contact: 10/15/2018
Next Scheduled EDR Contact: 01/28/2019
Data Release Frequency: Quarterly

AST: Aboveground Storage Tank Database Registered Aboveground Storage Tanks.

Date of Government Version: 07/13/2018
Date Data Arrived at EDR: 07/17/2018
Date Made Active in Reports: 08/23/2018
Number of Days to Update: 37
Source: Department of Public Safety
Telephone: 617-556-1035
Last EDR Contact: 11/26/2018
Next Scheduled EDR Contact: 01/28/2019
Data Release Frequency: No Update Planned

AST 2: Aboveground Storage Tanks

Date of Government Version: 10/15/2018
Date Data Arrived at EDR: 10/16/2018
Date Made Active in Reports: 11/01/2018
Number of Days to Update: 16
Source: Department of Fire Services
Telephone: 978-567-3181
Last EDR Contact: 10/15/2018
Next Scheduled EDR Contact: 01/28/2019
Data Release Frequency: Varies

INDIAN UST R5: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 5 (Michigan, Minnesota and Wisconsin and Tribal Nations).

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 04/12/2018
Date Data Arrived at EDR: 05/18/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 63

Source: EPA Region 5
Telephone: 312-886-6136
Last EDR Contact: 10/26/2018
Next Scheduled EDR Contact: 02/04/2019
Data Release Frequency: Varies

INDIAN UST R1: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 1 (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont and ten Tribal Nations).

Date of Government Version: 04/13/2018
Date Data Arrived at EDR: 05/18/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 63

Source: EPA, Region 1
Telephone: 617-918-1313
Last EDR Contact: 10/26/2018
Next Scheduled EDR Contact: 02/04/2019
Data Release Frequency: Varies

INDIAN UST R4: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 4 (Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee and Tribal Nations)

Date of Government Version: 05/08/2018
Date Data Arrived at EDR: 05/18/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 63

Source: EPA Region 4
Telephone: 404-562-9424
Last EDR Contact: 10/26/2018
Next Scheduled EDR Contact: 02/04/2019
Data Release Frequency: Varies

INDIAN UST R10: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 10 (Alaska, Idaho, Oregon, Washington, and Tribal Nations).

Date of Government Version: 04/12/2018
Date Data Arrived at EDR: 05/18/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 63

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 10/26/2018
Next Scheduled EDR Contact: 02/04/2019
Data Release Frequency: Varies

INDIAN UST R6: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 6 (Louisiana, Arkansas, Oklahoma, New Mexico, Texas and 65 Tribes).

Date of Government Version: 04/01/2018
Date Data Arrived at EDR: 05/18/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 63

Source: EPA Region 6
Telephone: 214-665-7591
Last EDR Contact: 10/26/2018
Next Scheduled EDR Contact: 02/04/2019
Data Release Frequency: Varies

INDIAN UST R8: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 8 (Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming and 27 Tribal Nations).

Date of Government Version: 04/25/2018
Date Data Arrived at EDR: 05/18/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 63

Source: EPA Region 8
Telephone: 303-312-6137
Last EDR Contact: 10/26/2018
Next Scheduled EDR Contact: 02/04/2019
Data Release Frequency: Varies

INDIAN UST R9: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 9 (Arizona, California, Hawaii, Nevada, the Pacific Islands, and Tribal Nations).

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 04/10/2018 Source: EPA Region 9
Date Data Arrived at EDR: 05/18/2018 Telephone: 415-972-3368
Date Made Active in Reports: 07/20/2018 Last EDR Contact: 10/26/2018
Number of Days to Update: 63 Next Scheduled EDR Contact: 02/04/2019
Data Release Frequency: Varies

INDIAN UST R7: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 7 (Iowa, Kansas, Missouri, Nebraska, and 9 Tribal Nations).

Date of Government Version: 04/24/2018 Source: EPA Region 7
Date Data Arrived at EDR: 05/18/2018 Telephone: 913-551-7003
Date Made Active in Reports: 07/20/2018 Last EDR Contact: 10/26/2018
Number of Days to Update: 63 Next Scheduled EDR Contact: 02/04/2019
Data Release Frequency: Varies

State and tribal institutional control / engineering control registries

INST CONTROL: Sites With Activity and Use Limitation

Activity and Use Limitations establish limits and conditions on the future use of contaminated property, and therefore allow cleanups to be tailored to these uses.

Date of Government Version: 07/10/2018 Source: Department of Environmental Protection
Date Data Arrived at EDR: 10/03/2018 Telephone: 617-292-5990
Date Made Active in Reports: 10/05/2018 Last EDR Contact: 01/09/2019
Number of Days to Update: 2 Next Scheduled EDR Contact: 04/22/2019
Data Release Frequency: Quarterly

State and tribal voluntary cleanup sites

INDIAN VCP R7: Voluntary Cleanup Priority Listng

A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008 Source: EPA, Region 7
Date Data Arrived at EDR: 04/22/2008 Telephone: 913-551-7365
Date Made Active in Reports: 05/19/2008 Last EDR Contact: 04/20/2009
Number of Days to Update: 27 Next Scheduled EDR Contact: 07/20/2009
Data Release Frequency: Varies

INDIAN VCP R1: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

Date of Government Version: 07/27/2015 Source: EPA, Region 1
Date Data Arrived at EDR: 09/29/2015 Telephone: 617-918-1102
Date Made Active in Reports: 02/18/2016 Last EDR Contact: 12/19/2018
Number of Days to Update: 142 Next Scheduled EDR Contact: 04/08/2019
Data Release Frequency: Varies

State and tribal Brownfields sites

BROWNFIELDS: Completed Brownfields Covenants Listing

Under Massachusetts law, M.G.L. c. 21E is the statute that governs the cleanup of releases of oil and/or hazardous material to the environment. The Brownfields Act of 1998 amended M.G.L. c. 21E by establishing significant liability relief and financial incentives to spur the redevelopment of brownfields, while ensuring that the Commonwealth's environmental standards are met. Most brownfields are redeveloped with the benefit of liability protections that operate automatically under M.G.L. c. 21E.

Date of Government Version: 04/05/2017 Source: Office of the Attorney General
Date Data Arrived at EDR: 08/03/2017 Telephone: 617-963-2423
Date Made Active in Reports: 10/10/2017 Last EDR Contact: 11/02/2018
Number of Days to Update: 68 Next Scheduled EDR Contact: 02/11/2019
Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

BROWNFIELDS 2: Potential Brownfields Listing

A listing of potential brownfields site locations in the state.

Date of Government Version: 05/22/2017
Date Data Arrived at EDR: 08/03/2017
Date Made Active in Reports: 09/22/2017
Number of Days to Update: 50

Source: Department of Environmental Protection
Telephone: 617-556-1007
Last EDR Contact: 11/02/2018
Next Scheduled EDR Contact: 02/11/2019
Data Release Frequency: Varies

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites

Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties takes development pressures off of undeveloped, open land, and both improves and protects the environment. Assessment, Cleanup and Redevelopment Exchange System (ACRES) stores information reported by EPA Brownfields grant recipients on brownfields properties assessed or cleaned up with grant funding as well as information on Targeted Brownfields Assessments performed by EPA Regions. A listing of ACRES Brownfield sites is obtained from Cleanups in My Community. Cleanups in My Community provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

Date of Government Version: 12/17/2018
Date Data Arrived at EDR: 12/18/2018
Date Made Active in Reports: 01/11/2019
Number of Days to Update: 24

Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 12/18/2018
Next Scheduled EDR Contact: 04/01/2019
Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

INDIAN ODI: Report on the Status of Open Dumps on Indian Lands

Location of open dumps on Indian land.

Date of Government Version: 12/31/1998
Date Data Arrived at EDR: 12/03/2007
Date Made Active in Reports: 01/24/2008
Number of Days to Update: 52

Source: Environmental Protection Agency
Telephone: 703-308-8245
Last EDR Contact: 10/25/2018
Next Scheduled EDR Contact: 02/11/2019
Data Release Frequency: Varies

ODI: Open Dump Inventory

An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

Date of Government Version: 06/30/1985
Date Data Arrived at EDR: 08/09/2004
Date Made Active in Reports: 09/17/2004
Number of Days to Update: 39

Source: Environmental Protection Agency
Telephone: 800-424-9346
Last EDR Contact: 06/09/2004
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations

A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

Date of Government Version: 01/12/2009
Date Data Arrived at EDR: 05/07/2009
Date Made Active in Reports: 09/21/2009
Number of Days to Update: 137

Source: EPA, Region 9
Telephone: 415-947-4219
Last EDR Contact: 10/22/2018
Next Scheduled EDR Contact: 02/04/2019
Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

IHS OPEN DUMPS: Open Dumps on Indian Land

A listing of all open dumps located on Indian Land in the United States.

Date of Government Version: 04/01/2014	Source: Department of Health & Human Services, Indian Health Service
Date Data Arrived at EDR: 08/06/2014	Telephone: 301-443-1452
Date Made Active in Reports: 01/29/2015	Last EDR Contact: 11/02/2018
Number of Days to Update: 176	Next Scheduled EDR Contact: 02/11/2019
	Data Release Frequency: Varies

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL: National Clandestine Laboratory Register

A listing of clandestine drug lab locations that have been removed from the DEAs National Clandestine Laboratory Register.

Date of Government Version: 09/21/2018	Source: Drug Enforcement Administration
Date Data Arrived at EDR: 09/21/2018	Telephone: 202-307-1000
Date Made Active in Reports: 11/09/2018	Last EDR Contact: 11/26/2018
Number of Days to Update: 49	Next Scheduled EDR Contact: 03/11/2019
	Data Release Frequency: No Update Planned

US CDL: Clandestine Drug Labs

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 09/21/2018	Source: Drug Enforcement Administration
Date Data Arrived at EDR: 09/21/2018	Telephone: 202-307-1000
Date Made Active in Reports: 11/09/2018	Last EDR Contact: 11/26/2018
Number of Days to Update: 49	Next Scheduled EDR Contact: 03/11/2019
	Data Release Frequency: Quarterly

Local Land Records

LIENS: Liens Information Listing

A listing of environmental liens.

Date of Government Version: 03/07/2018	Source: Department of Environmental Protection
Date Data Arrived at EDR: 03/09/2018	Telephone: 617-292-5628
Date Made Active in Reports: 06/21/2018	Last EDR Contact: 11/15/2018
Number of Days to Update: 104	Next Scheduled EDR Contact: 03/04/2019
	Data Release Frequency: Varies

LIENS 2: CERCLA Lien Information

A Federal CERCLA ('Superfund') lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties.

Date of Government Version: 12/12/2018	Source: Environmental Protection Agency
Date Data Arrived at EDR: 12/28/2018	Telephone: 202-564-6023
Date Made Active in Reports: 01/11/2019	Last EDR Contact: 12/28/2018
Number of Days to Update: 14	Next Scheduled EDR Contact: 02/04/2019
	Data Release Frequency: Semi-Annually

Records of Emergency Release Reports

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

HMIRS: Hazardous Materials Information Reporting System

Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 03/26/2018	Source: U.S. Department of Transportation
Date Data Arrived at EDR: 03/27/2018	Telephone: 202-366-4555
Date Made Active in Reports: 06/08/2018	Last EDR Contact: 01/08/2019
Number of Days to Update: 73	Next Scheduled EDR Contact: 04/08/2019
	Data Release Frequency: Quarterly

RELEASE: Reportable Releases

Contains information on all releases of oil and hazardous materials that have been reported to DEP

Date of Government Version: 07/10/2018	Source: Department of Environmental Protection
Date Data Arrived at EDR: 10/03/2018	Telephone: 617-292-5990
Date Made Active in Reports: 10/05/2018	Last EDR Contact: 01/09/2019
Number of Days to Update: 2	Next Scheduled EDR Contact: 04/22/2019
	Data Release Frequency: Quarterly

MA SPILLS: Historical Spill List

The Spills Database was the release notification tracking system for spills that occurred prior to October 1, 1993. This information should be considered to be primarily of historical interest since all of the listed spills have either been cleaned up or assigned new tracking numbers and moved to the Reportable Releases or Sites Transition List databases.

Date of Government Version: 09/30/1993	Source: Department of Environmental Protection
Date Data Arrived at EDR: 12/03/2003	Telephone: 617-292-5720
Date Made Active in Reports: 12/31/2003	Last EDR Contact: 12/03/2003
Number of Days to Update: 28	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

SPILLS 90: SPILLS90 data from FirstSearch

Spills 90 includes those spill and release records available exclusively from FirstSearch databases. Typically, they may include chemical, oil and/or hazardous substance spills recorded after 1990. Duplicate records that are already included in EDR incident and release records are not included in Spills 90.

Date of Government Version: 12/11/2012	Source: FirstSearch
Date Data Arrived at EDR: 01/03/2013	Telephone: N/A
Date Made Active in Reports: 02/08/2013	Last EDR Contact: 01/03/2013
Number of Days to Update: 36	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

SPILLS 80: SPILLS80 data from FirstSearch

Spills 80 includes those spill and release records available from FirstSearch databases prior to 1990. Typically, they may include chemical, oil and/or hazardous substance spills recorded before 1990. Duplicate records that are already included in EDR incident and release records are not included in Spills 80.

Date of Government Version: 03/10/1998	Source: FirstSearch
Date Data Arrived at EDR: 01/03/2013	Telephone: N/A
Date Made Active in Reports: 03/05/2013	Last EDR Contact: 01/03/2013
Number of Days to Update: 61	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

Other Ascertainable Records

RCRA NonGen / NLR: RCRA - Non Generators / No Longer Regulated

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 03/01/2018
Date Data Arrived at EDR: 03/28/2018
Date Made Active in Reports: 06/22/2018
Number of Days to Update: 86

Source: Environmental Protection Agency
Telephone: (888) 372-7341
Last EDR Contact: 12/03/2018
Next Scheduled EDR Contact: 04/08/2019
Data Release Frequency: Quarterly

FUDS: Formerly Used Defense Sites

The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

Date of Government Version: 01/31/2015
Date Data Arrived at EDR: 07/08/2015
Date Made Active in Reports: 10/13/2015
Number of Days to Update: 97

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 11/19/2018
Next Scheduled EDR Contact: 03/04/2019
Data Release Frequency: Varies

DOD: Department of Defense Sites

This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 11/10/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 62

Source: USGS
Telephone: 888-275-8747
Last EDR Contact: 01/11/2019
Next Scheduled EDR Contact: 04/22/2019
Data Release Frequency: Semi-Annually

FEDLAND: Federal and Indian Lands

Federally and Indian administrated lands of the United States. Lands included are administrated by: Army Corps of Engineers, Bureau of Reclamation, National Wild and Scenic River, National Wildlife Refuge, Public Domain Land, Wilderness, Wilderness Study Area, Wildlife Management Area, Bureau of Indian Affairs, Bureau of Land Management, Department of Justice, Forest Service, Fish and Wildlife Service, National Park Service.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 02/06/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 339

Source: U.S. Geological Survey
Telephone: 888-275-8747
Last EDR Contact: 01/11/2019
Next Scheduled EDR Contact: 04/22/2019
Data Release Frequency: N/A

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

Date of Government Version: 01/01/2017
Date Data Arrived at EDR: 02/03/2017
Date Made Active in Reports: 04/07/2017
Number of Days to Update: 63

Source: Environmental Protection Agency
Telephone: 615-532-8599
Last EDR Contact: 11/16/2018
Next Scheduled EDR Contact: 02/25/2019
Data Release Frequency: Varies

US FIN ASSUR: Financial Assurance Information

All owners and operators of facilities that treat, store, or dispose of hazardous waste are required to provide proof that they will have sufficient funds to pay for the clean up, closure, and post-closure care of their facilities.

Date of Government Version: 08/31/2018
Date Data Arrived at EDR: 09/25/2018
Date Made Active in Reports: 11/09/2018
Number of Days to Update: 45

Source: Environmental Protection Agency
Telephone: 202-566-1917
Last EDR Contact: 12/21/2018
Next Scheduled EDR Contact: 04/08/2019
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

EPA WATCH LIST: EPA WATCH LIST

EPA maintains a "Watch List" to facilitate dialogue between EPA, state and local environmental agencies on enforcement matters relating to facilities with alleged violations identified as either significant or high priority. Being on the Watch List does not mean that the facility has actually violated the law only that an investigation by EPA or a state or local environmental agency has led those organizations to allege that an unproven violation has in fact occurred. Being on the Watch List does not represent a higher level of concern regarding the alleged violations that were detected, but instead indicates cases requiring additional dialogue between EPA, state and local agencies - primarily because of the length of time the alleged violation has gone unaddressed or unresolved.

Date of Government Version: 08/30/2013 Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/21/2014 Telephone: 617-520-3000
Date Made Active in Reports: 06/17/2014 Last EDR Contact: 11/05/2018
Number of Days to Update: 88 Next Scheduled EDR Contact: 02/18/2019
Data Release Frequency: Quarterly

2020 COR ACTION: 2020 Corrective Action Program List

The EPA has set ambitious goals for the RCRA Corrective Action program by creating the 2020 Corrective Action Universe. This RCRA cleanup baseline includes facilities expected to need corrective action. The 2020 universe contains a wide variety of sites. Some properties are heavily contaminated while others were contaminated but have since been cleaned up. Still others have not been fully investigated yet, and may require little or no remediation. Inclusion in the 2020 Universe does not necessarily imply failure on the part of a facility to meet its RCRA obligations.

Date of Government Version: 09/30/2017 Source: Environmental Protection Agency
Date Data Arrived at EDR: 05/08/2018 Telephone: 703-308-4044
Date Made Active in Reports: 07/20/2018 Last EDR Contact: 11/09/2018
Number of Days to Update: 73 Next Scheduled EDR Contact: 02/18/2019
Data Release Frequency: Varies

TSCA: Toxic Substances Control Act

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/2016 Source: EPA
Date Data Arrived at EDR: 06/21/2017 Telephone: 202-260-5521
Date Made Active in Reports: 01/05/2018 Last EDR Contact: 12/21/2018
Number of Days to Update: 198 Next Scheduled EDR Contact: 04/01/2019
Data Release Frequency: Every 4 Years

TRIS: Toxic Chemical Release Inventory System

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/2016 Source: EPA
Date Data Arrived at EDR: 01/10/2018 Telephone: 202-566-0250
Date Made Active in Reports: 01/12/2018 Last EDR Contact: 11/16/2018
Number of Days to Update: 2 Next Scheduled EDR Contact: 03/04/2019
Data Release Frequency: Annually

SSTS: Section 7 Tracking Systems

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 12/31/2009 Source: EPA
Date Data Arrived at EDR: 12/10/2010 Telephone: 202-564-4203
Date Made Active in Reports: 02/25/2011 Last EDR Contact: 10/24/2018
Number of Days to Update: 77 Next Scheduled EDR Contact: 02/04/2019
Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

ROD: Records Of Decision

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 12/12/2018
Date Data Arrived at EDR: 12/28/2018
Date Made Active in Reports: 01/11/2019
Number of Days to Update: 14

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 12/28/2018
Next Scheduled EDR Contact: 03/18/2019
Data Release Frequency: Annually

RMP: Risk Management Plans

When Congress passed the Clean Air Act Amendments of 1990, it required EPA to publish regulations and guidance for chemical accident prevention at facilities using extremely hazardous substances. The Risk Management Program Rule (RMP Rule) was written to implement Section 112(r) of these amendments. The rule, which built upon existing industry codes and standards, requires companies of all sizes that use certain flammable and toxic substances to develop a Risk Management Program, which includes a(n): Hazard assessment that details the potential effects of an accidental release, an accident history of the last five years, and an evaluation of worst-case and alternative accidental releases; Prevention program that includes safety precautions and maintenance, monitoring, and employee training measures; and Emergency response program that spells out emergency health care, employee training measures and procedures for informing the public and response agencies (e.g. the fire department) should an accident occur.

Date of Government Version: 10/26/2018
Date Data Arrived at EDR: 11/06/2018
Date Made Active in Reports: 01/11/2019
Number of Days to Update: 66

Source: Environmental Protection Agency
Telephone: 202-564-8600
Last EDR Contact: 10/23/2018
Next Scheduled EDR Contact: 02/04/2019
Data Release Frequency: Varies

RAATS: RCRA Administrative Action Tracking System

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/1995
Date Data Arrived at EDR: 07/03/1995
Date Made Active in Reports: 08/07/1995
Number of Days to Update: 35

Source: EPA
Telephone: 202-564-4104
Last EDR Contact: 06/02/2008
Next Scheduled EDR Contact: 09/01/2008
Data Release Frequency: No Update Planned

PRP: Potentially Responsible Parties

A listing of verified Potentially Responsible Parties

Date of Government Version: 08/13/2018
Date Data Arrived at EDR: 10/04/2018
Date Made Active in Reports: 11/09/2018
Number of Days to Update: 36

Source: EPA
Telephone: 202-564-6023
Last EDR Contact: 12/28/2018
Next Scheduled EDR Contact: 02/18/2019
Data Release Frequency: Quarterly

PADS: PCB Activity Database System

PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 09/14/2018
Date Data Arrived at EDR: 10/11/2018
Date Made Active in Reports: 12/07/2018
Number of Days to Update: 57

Source: EPA
Telephone: 202-566-0500
Last EDR Contact: 01/11/2019
Next Scheduled EDR Contact: 04/22/2019
Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

ICIS: Integrated Compliance Information System

The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 11/18/2016
Date Data Arrived at EDR: 11/23/2016
Date Made Active in Reports: 02/10/2017
Number of Days to Update: 79

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 01/07/2019
Next Scheduled EDR Contact: 04/22/2019
Data Release Frequency: Quarterly

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25

Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Telephone: 202-566-1667
Last EDR Contact: 08/18/2017
Next Scheduled EDR Contact: 12/04/2017
Data Release Frequency: Quarterly

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25

Source: EPA
Telephone: 202-566-1667
Last EDR Contact: 08/18/2017
Next Scheduled EDR Contact: 12/04/2017
Data Release Frequency: Quarterly

MLTS: Material Licensing Tracking System

MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 08/30/2016
Date Data Arrived at EDR: 09/08/2016
Date Made Active in Reports: 10/21/2016
Number of Days to Update: 43

Source: Nuclear Regulatory Commission
Telephone: 301-415-7169
Last EDR Contact: 10/11/2018
Next Scheduled EDR Contact: 02/04/2019
Data Release Frequency: Quarterly

COAL ASH DOE: Steam-Electric Plant Operation Data

A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 08/07/2009
Date Made Active in Reports: 10/22/2009
Number of Days to Update: 76

Source: Department of Energy
Telephone: 202-586-8719
Last EDR Contact: 12/05/2018
Next Scheduled EDR Contact: 03/18/2019
Data Release Frequency: Varies

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List

A listing of coal combustion residues surface impoundments with high hazard potential ratings.

Date of Government Version: 07/01/2014
Date Data Arrived at EDR: 09/10/2014
Date Made Active in Reports: 10/20/2014
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: N/A
Last EDR Contact: 12/03/2018
Next Scheduled EDR Contact: 03/18/2019
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

PCB TRANSFORMER: PCB Transformer Registration Database

The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 05/24/2017	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/30/2017	Telephone: 202-566-0517
Date Made Active in Reports: 12/15/2017	Last EDR Contact: 10/26/2018
Number of Days to Update: 15	Next Scheduled EDR Contact: 02/04/2019
	Data Release Frequency: Varies

RADINFO: Radiation Information Database

The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.

Date of Government Version: 10/02/2018	Source: Environmental Protection Agency
Date Data Arrived at EDR: 10/03/2018	Telephone: 202-343-9775
Date Made Active in Reports: 11/09/2018	Last EDR Contact: 01/03/2019
Number of Days to Update: 37	Next Scheduled EDR Contact: 04/15/2019
	Data Release Frequency: Quarterly

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing

A complete administrative case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/01/2007	Telephone: 202-564-2501
Date Made Active in Reports: 04/10/2007	Last EDR Contact: 12/17/2007
Number of Days to Update: 40	Next Scheduled EDR Contact: 03/17/2008
	Data Release Frequency: No Update Planned

HIST FTTS INSP: FIFRA/TSCA Tracking System Inspection & Enforcement Case Listing

A complete inspection and enforcement case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/01/2007	Telephone: 202-564-2501
Date Made Active in Reports: 04/10/2007	Last EDR Contact: 12/17/2008
Number of Days to Update: 40	Next Scheduled EDR Contact: 03/17/2008
	Data Release Frequency: No Update Planned

DOT OPS: Incident and Accident Data

Department of Transportation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 07/31/2012	Source: Department of Transportation, Office of Pipeline Safety
Date Data Arrived at EDR: 08/07/2012	Telephone: 202-366-4595
Date Made Active in Reports: 09/18/2012	Last EDR Contact: 10/30/2018
Number of Days to Update: 42	Next Scheduled EDR Contact: 02/11/2019
	Data Release Frequency: Varies

CONSENT: Superfund (CERCLA) Consent Decrees

Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 09/30/2018
Date Data Arrived at EDR: 10/12/2018
Date Made Active in Reports: 12/07/2018
Number of Days to Update: 56

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 01/07/2019
Next Scheduled EDR Contact: 04/22/2019
Data Release Frequency: Varies

BRS: Biennial Reporting System

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/2015
Date Data Arrived at EDR: 02/22/2017
Date Made Active in Reports: 09/28/2017
Number of Days to Update: 218

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 11/21/2018
Next Scheduled EDR Contact: 03/04/2019
Data Release Frequency: Biennially

INDIAN RESERV: Indian Reservations

This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 07/14/2015
Date Made Active in Reports: 01/10/2017
Number of Days to Update: 546

Source: USGS
Telephone: 202-208-3710
Last EDR Contact: 01/07/2019
Next Scheduled EDR Contact: 04/22/2019
Data Release Frequency: Semi-Annually

FUSRAP: Formerly Utilized Sites Remedial Action Program

DOE established the Formerly Utilized Sites Remedial Action Program (FUSRAP) in 1974 to remediate sites where radioactive contamination remained from Manhattan Project and early U.S. Atomic Energy Commission (AEC) operations.

Date of Government Version: 08/08/2017
Date Data Arrived at EDR: 09/11/2018
Date Made Active in Reports: 09/14/2018
Number of Days to Update: 3

Source: Department of Energy
Telephone: 202-586-3559
Last EDR Contact: 11/01/2018
Next Scheduled EDR Contact: 02/18/2019
Data Release Frequency: Varies

UMTRA: Uranium Mill Tailings Sites

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

Date of Government Version: 06/23/2017
Date Data Arrived at EDR: 10/11/2017
Date Made Active in Reports: 11/03/2017
Number of Days to Update: 23

Source: Department of Energy
Telephone: 505-845-0011
Last EDR Contact: 12/14/2018
Next Scheduled EDR Contact: 03/04/2019
Data Release Frequency: Varies

LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 12/12/2018
Date Data Arrived at EDR: 12/28/2018
Date Made Active in Reports: 01/11/2019
Number of Days to Update: 14

Source: Environmental Protection Agency
Telephone: 703-603-8787
Last EDR Contact: 12/28/2018
Next Scheduled EDR Contact: 04/15/2019
Data Release Frequency: Varies

LEAD SMELTER 2: Lead Smelter Sites

A list of several hundred sites in the U.S. where secondary lead smelting was done from 1931 and 1964. These sites may pose a threat to public health through ingestion or inhalation of contaminated soil or dust

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 04/05/2001
Date Data Arrived at EDR: 10/27/2010
Date Made Active in Reports: 12/02/2010
Number of Days to Update: 36

Source: American Journal of Public Health
Telephone: 703-305-6451
Last EDR Contact: 12/02/2009
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

US AIRS (AFS): Aerometric Information Retrieval System Facility Subsystem (AFS)

The database is a sub-system of Aerometric Information Retrieval System (AIRS). AFS contains compliance data on air pollution point sources regulated by the U.S. EPA and/or state and local air regulatory agencies. This information comes from source reports by various stationary sources of air pollution, such as electric power plants, steel mills, factories, and universities, and provides information about the air pollutants they produce. Action, air program, air program pollutant, and general level plant data. It is used to track emissions and compliance data from industrial plants.

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Annually

US AIRS MINOR: Air Facility System Data

A listing of minor source facilities.

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Annually

US MINES: Mines Master Index File

Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 08/01/2018
Date Data Arrived at EDR: 08/29/2018
Date Made Active in Reports: 10/05/2018
Number of Days to Update: 37

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 11/30/2018
Next Scheduled EDR Contact: 03/11/2019
Data Release Frequency: Semi-Annually

US MINES 2: Ferrous and Nonferrous Metal Mines Database Listing

This map layer includes ferrous (ferrous metal mines are facilities that extract ferrous metals, such as iron ore or molybdenum) and nonferrous (Nonferrous metal mines are facilities that extract nonferrous metals, such as gold, silver, copper, zinc, and lead) metal mines in the United States.

Date of Government Version: 12/05/2005
Date Data Arrived at EDR: 02/29/2008
Date Made Active in Reports: 04/18/2008
Number of Days to Update: 49

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 11/30/2018
Next Scheduled EDR Contact: 03/11/2019
Data Release Frequency: Varies

US MINES 3: Active Mines & Mineral Plants Database Listing

Active Mines and Mineral Processing Plant operations for commodities monitored by the Minerals Information Team of the USGS.

Date of Government Version: 04/14/2011
Date Data Arrived at EDR: 06/08/2011
Date Made Active in Reports: 09/13/2011
Number of Days to Update: 97

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 11/30/2018
Next Scheduled EDR Contact: 03/11/2019
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

ABANDONED MINES: Abandoned Mines

An inventory of land and water impacted by past mining (primarily coal mining) is maintained by OSMRE to provide information needed to implement the Surface Mining Control and Reclamation Act of 1977 (SMCRA). The inventory contains information on the location, type, and extent of AML impacts, as well as, information on the cost associated with the reclamation of those problems. The inventory is based upon field surveys by State, Tribal, and OSMRE program officials. It is dynamic to the extent that it is modified as new problems are identified and existing problems are reclaimed.

Date of Government Version: 09/10/2018	Source: Department of Interior
Date Data Arrived at EDR: 09/11/2018	Telephone: 202-208-2609
Date Made Active in Reports: 09/14/2018	Last EDR Contact: 12/19/2018
Number of Days to Update: 3	Next Scheduled EDR Contact: 03/25/2019
	Data Release Frequency: Quarterly

FINDS: Facility Index System/Facility Registry System

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 11/15/2018	Source: EPA
Date Data Arrived at EDR: 12/05/2018	Telephone: (617) 918-1111
Date Made Active in Reports: 01/11/2019	Last EDR Contact: 01/08/2019
Number of Days to Update: 37	Next Scheduled EDR Contact: 03/18/2019
	Data Release Frequency: Quarterly

DOCKET HWC: Hazardous Waste Compliance Docket Listing

A complete list of the Federal Agency Hazardous Waste Compliance Docket Facilities.

Date of Government Version: 05/31/2018	Source: Environmental Protection Agency
Date Data Arrived at EDR: 07/26/2018	Telephone: 202-564-0527
Date Made Active in Reports: 10/05/2018	Last EDR Contact: 11/30/2018
Number of Days to Update: 71	Next Scheduled EDR Contact: 03/11/2019
	Data Release Frequency: Varies

ECHO: Enforcement & Compliance History Information

ECHO provides integrated compliance and enforcement information for about 800,000 regulated facilities nationwide.

Date of Government Version: 09/02/2018	Source: Environmental Protection Agency
Date Data Arrived at EDR: 09/05/2018	Telephone: 202-564-2280
Date Made Active in Reports: 09/14/2018	Last EDR Contact: 01/07/2019
Number of Days to Update: 9	Next Scheduled EDR Contact: 03/18/2019
	Data Release Frequency: Quarterly

UXO: Unexploded Ordnance Sites

A listing of unexploded ordnance site locations

Date of Government Version: 09/30/2017	Source: Department of Defense
Date Data Arrived at EDR: 06/19/2018	Telephone: 703-704-1564
Date Made Active in Reports: 09/14/2018	Last EDR Contact: 10/15/2018
Number of Days to Update: 87	Next Scheduled EDR Contact: 01/28/2019
	Data Release Frequency: Varies

FUELS PROGRAM: EPA Fuels Program Registered Listing

This listing includes facilities that are registered under the Part 80 (Code of Federal Regulations) EPA Fuels Programs. All companies now are required to submit new and updated registrations.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 08/22/2018
Date Data Arrived at EDR: 08/22/2018
Date Made Active in Reports: 10/05/2018
Number of Days to Update: 44

Source: EPA
Telephone: 800-385-6164
Last EDR Contact: 11/19/2018
Next Scheduled EDR Contact: 03/04/2019
Data Release Frequency: Quarterly

AIRS: Permitted Facilities Listing
A listing of Air Quality permit applications.
Date of Government Version: 10/17/2018
Date Data Arrived at EDR: 10/19/2018
Date Made Active in Reports: 10/25/2018
Number of Days to Update: 6

Source: Department of Environmental Protection
Telephone: 617-292-5789
Last EDR Contact: 10/15/2018
Next Scheduled EDR Contact: 01/28/2019
Data Release Frequency: Varies

ASBESTOS: Asbestos Notification Listing
Asbestos sites
Date of Government Version: 09/21/2018
Date Data Arrived at EDR: 09/28/2018
Date Made Active in Reports: 10/29/2018
Number of Days to Update: 31

Source: Department of Environmental Protection
Telephone: 617-292-5982
Last EDR Contact: 11/15/2018
Next Scheduled EDR Contact: 12/03/2018
Data Release Frequency: Varies

DRYCLEANERS: Regulated Drycleaning Facilities
A listing of Department of Environmental Protection regulated drycleaning facilities that use perchloroethylene under the Environmental Results Program.

Date of Government Version: 11/02/2018
Date Data Arrived at EDR: 11/08/2018
Date Made Active in Reports: 11/14/2018
Number of Days to Update: 6

Source: Department of Environmental Protection
Telephone: 617-292-5633
Last EDR Contact: 10/15/2018
Next Scheduled EDR Contact: 01/28/2019
Data Release Frequency: Varies

ENFORCEMENT: Enforcement Action Cases
A listing of enforcement action cases tracked by Department of Environmental Protection programs, including Solid Waste and Hazardous Waste.

Date of Government Version: 11/09/2018
Date Data Arrived at EDR: 11/14/2018
Date Made Active in Reports: 12/17/2018
Number of Days to Update: 33

Source: Department of Environmental Quality
Telephone: 617-292-5979
Last EDR Contact: 11/08/2018
Next Scheduled EDR Contact: 02/11/2019
Data Release Frequency: Varies

Financial Assurance 1: Financial Assurance Information Listing

Information for hazardous waste facilities. Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay.

Date of Government Version: 12/01/2010
Date Data Arrived at EDR: 12/23/2010
Date Made Active in Reports: 02/03/2011
Number of Days to Update: 42

Source: Department of Environmental Protection
Telephone: 617-292-5970
Last EDR Contact: 12/07/2018
Next Scheduled EDR Contact: 03/25/2019
Data Release Frequency: Varies

Financial Assurance 2: Financial Assurance Information Listing

A listing of financial assurance information for underground storage tanks. Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 07/11/2018
Date Data Arrived at EDR: 07/17/2018
Date Made Active in Reports: 09/05/2018
Number of Days to Update: 50

Source: Office of State Fire Marshal
Telephone: 978-567-3100
Last EDR Contact: 12/12/2018
Next Scheduled EDR Contact: 01/28/2019
Data Release Frequency: Varies

Financial Assurance 3: Financial Assurance Information listing

Information for solid waste facilities. Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay

Date of Government Version: 01/16/2018
Date Data Arrived at EDR: 04/17/2018
Date Made Active in Reports: 06/15/2018
Number of Days to Update: 59

Source: Department of Environmental Protection
Telephone: 617-292-5970
Last EDR Contact: 01/07/2019
Next Scheduled EDR Contact: 04/22/2019
Data Release Frequency: Varies

GWDP: Ground Water Discharge Permits

The Ground Water Discharge Permits datalayer (formerly known as Groundwater Discharge Points) is a statewide point dataset containing approximate locations of permitted discharges to groundwater.

Date of Government Version: 01/18/2018
Date Data Arrived at EDR: 05/04/2018
Date Made Active in Reports: 05/23/2018
Number of Days to Update: 19

Source: MassGIS
Telephone: 617-556-1150
Last EDR Contact: 10/25/2018
Next Scheduled EDR Contact: 02/11/2019
Data Release Frequency: Varies

HW GEN: List of Massachusetts Hazardous Waste Generators

Permanent generator identification numbers for all Massachusetts generators of hazardous waste and waste oil that have registered with or notified MassDEP of their hazardous waste activities.

Date of Government Version: 09/19/2018
Date Data Arrived at EDR: 09/26/2018
Date Made Active in Reports: 10/26/2018
Number of Days to Update: 30

Source: Department of Environmental Protection
Telephone: 617-292-5500
Last EDR Contact: 12/21/2018
Next Scheduled EDR Contact: 04/08/2019
Data Release Frequency: Semi-Annually

MERCURY: Mercury Product Recycling Drop-Off Locations Listing

A listing of locations, collecting and recycling for mercury-added products. Mercury is toxic to the human nervous system, as well as fish and animals. Mercury can enter the body either through skin absorption or through inhalation of mercury vapors. At room temperature, small beads of mercury will vaporize.

Date of Government Version: 05/07/2018
Date Data Arrived at EDR: 05/25/2018
Date Made Active in Reports: 06/25/2018
Number of Days to Update: 31

Source: Department of Environmental Protection
Telephone: 617-292-5632
Last EDR Contact: 11/15/2018
Next Scheduled EDR Contact: 03/04/2019
Data Release Frequency: Varies

NPDES: NPDES Permit Listing

Listing of treatment plants in Massachusetts that hold permits to discharge to groundwater.

Date of Government Version: 11/14/2018
Date Data Arrived at EDR: 11/15/2018
Date Made Active in Reports: 12/17/2018
Number of Days to Update: 32

Source: Department of Environmental Protection
Telephone: 508-767-2781
Last EDR Contact: 11/08/2018
Next Scheduled EDR Contact: 02/25/2019
Data Release Frequency: Varies

TIER 2: Tier 2 Information Listing

A listing of facilities which store or manufacture hazardous materials and submit a chemical inventory report

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/31/2017
Date Data Arrived at EDR: 05/17/2018
Date Made Active in Reports: 06/29/2018
Number of Days to Update: 43

Source: Massachusetts Emergency Management Agency
Telephone: 508-820-2019
Last EDR Contact: 01/11/2019
Next Scheduled EDR Contact: 04/29/2019
Data Release Frequency: Annually

TSD: TSD Facility

List of Licensed Hazardous Waste Treatment, Storage Disposal Facilities (TSDFs) in Massachusetts.

Date of Government Version: 09/25/2018
Date Data Arrived at EDR: 09/27/2018
Date Made Active in Reports: 10/26/2018
Number of Days to Update: 29

Source: Department of Environmental Protection
Telephone: 617-292-5580
Last EDR Contact: 12/20/2018
Next Scheduled EDR Contact: 04/08/2019
Data Release Frequency: Varies

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP: EDR Proprietary Manufactured Gas Plants

The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

EDR Hist Auto: EDR Exclusive Historical Auto Stations

EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR Hist Cleaner: EDR Exclusive Historical Cleaners

EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA HWS: Recovered Government Archive State Hazardous Waste Facilities List

The EDR Recovered Government Archive State Hazardous Waste database provides a list of SHWS incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Environmental Protection in Massachusetts.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 12/24/2013
Number of Days to Update: 176

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

RGA LUST: Recovered Government Archive Leaking Underground Storage Tank

The EDR Recovered Government Archive Leaking Underground Storage Tank database provides a list of LUST incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Environmental Protection in Massachusetts.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 12/24/2013
Number of Days to Update: 176

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

CT MANIFEST: Hazardous Waste Manifest Data

Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

Date of Government Version: 11/12/2018
Date Data Arrived at EDR: 11/14/2018
Date Made Active in Reports: 12/04/2018
Number of Days to Update: 20

Source: Department of Energy & Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 11/14/2018
Next Scheduled EDR Contact: 02/25/2019
Data Release Frequency: No Update Planned

NJ MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2017
Date Data Arrived at EDR: 07/13/2018
Date Made Active in Reports: 08/01/2018
Number of Days to Update: 19

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 01/07/2019
Next Scheduled EDR Contact: 04/22/2019
Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

NY MANIFEST: Facility and Manifest Data

Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

Date of Government Version: 10/01/2018
Date Data Arrived at EDR: 10/31/2018
Date Made Active in Reports: 12/20/2018
Number of Days to Update: 50

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 10/31/2018
Next Scheduled EDR Contact: 02/11/2019
Data Release Frequency: Quarterly

PA MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2017
Date Data Arrived at EDR: 10/23/2018
Date Made Active in Reports: 11/27/2018
Number of Days to Update: 35

Source: Department of Environmental Protection
Telephone: 717-783-8990
Last EDR Contact: 01/11/2019
Next Scheduled EDR Contact: 04/29/2019
Data Release Frequency: Annually

RI MANIFEST: Manifest information

Hazardous waste manifest information

Date of Government Version: 12/31/2017
Date Data Arrived at EDR: 02/23/2018
Date Made Active in Reports: 04/09/2018
Number of Days to Update: 45

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 11/16/2018
Next Scheduled EDR Contact: 03/04/2019
Data Release Frequency: Annually

VT MANIFEST: Hazardous Waste Manifest Data

Hazardous waste manifest information.

Date of Government Version: 11/07/2018
Date Data Arrived at EDR: 11/08/2018
Date Made Active in Reports: 12/28/2018
Number of Days to Update: 50

Source: Department of Environmental Conservation
Telephone: 802-241-3443
Last EDR Contact: 10/15/2018
Next Scheduled EDR Contact: 01/28/2019
Data Release Frequency: Annually

WI MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2017
Date Data Arrived at EDR: 06/15/2018
Date Made Active in Reports: 07/09/2018
Number of Days to Update: 24

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 12/07/2018
Next Scheduled EDR Contact: 03/25/2019
Data Release Frequency: Annually

Oil/Gas Pipelines

Source: PennWell Corporation

Petroleum Bundle (Crude Oil, Refined Products, Petrochemicals, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)) N = Natural Gas Bundle (Natural Gas, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)). This map includes information copyrighted by PennWell Corporation. This information is provided on a best effort basis and PennWell Corporation does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of PennWell.

Electric Power Transmission Line Data

Source: PennWell Corporation

This map includes information copyrighted by PennWell Corporation. This information is provided on a best effort basis and PennWell Corporation does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of PennWell.

Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

AHA Hospitals:

Source: American Hospital Association, Inc.

Telephone: 312-280-5991

The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing

Source: Centers for Medicare & Medicaid Services

Telephone: 410-786-3000

A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes

Source: National Institutes of Health

Telephone: 301-594-6248

Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

Private Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on private school locations in the United States.

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.

Source: FEMA

Telephone: 877-336-2627

Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetland Inventory

Source: MassDEP

Telephone: 617-292-5907

Current USGS 7.5 Minute Topographic Map

Source: U.S. Geological Survey

STREET AND ADDRESS INFORMATION

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GEOCHECK® - PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

105 SOUTH MAIN ST
105 SOUTH MAIN ST
MIDDLETON, MA 01949

TARGET PROPERTY COORDINATES

Latitude (North):	42.587006 - 42° 35' 13.22"
Longitude (West):	71.015035 - 71° 0' 54.13"
Universal Tranverse Mercator:	Zone 19
UTM X (Meters):	334654.6
UTM Y (Meters):	4716707.5
Elevation:	81 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	5644832 READING, MA
Version Date:	2012
Southeast Map:	5642648 SALEM, MA
Version Date:	2012

EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

Assessment of the impact of contaminant migration generally has two principle investigative components:

1. Groundwater flow direction, and
2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW DIRECTION INFORMATION

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

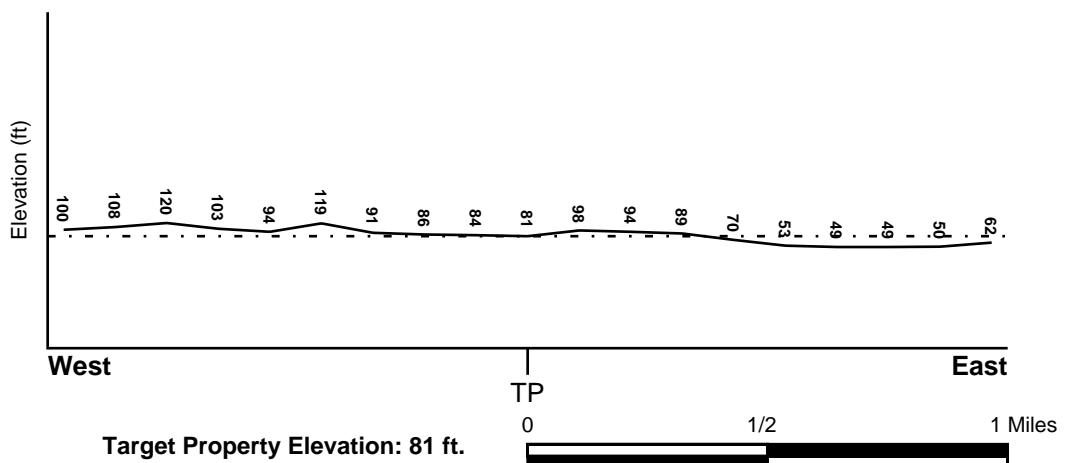
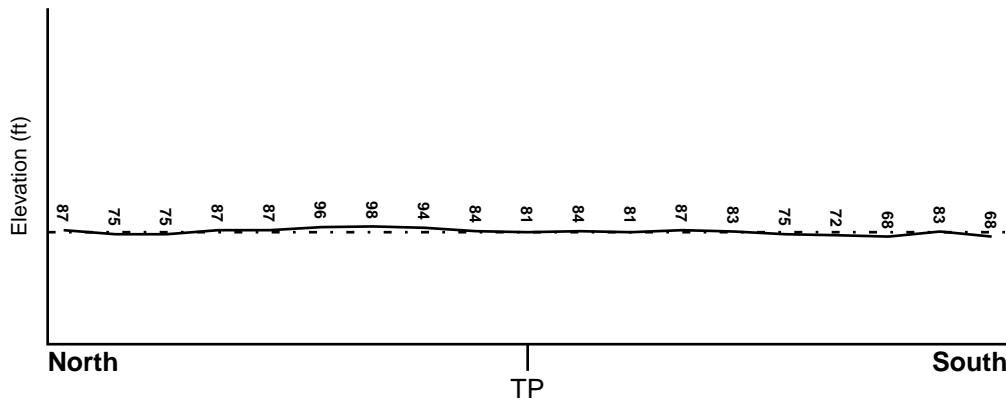
TOPOGRAPHIC INFORMATION

Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General SSW

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

FEMA FLOOD ZONE

<u>Flood Plain Panel at Target Property</u>	<u>FEMA Source Type</u>
25009C0384F	FEMA FIRM Flood data
<u>Additional Panels in search area:</u>	<u>FEMA Source Type</u>
25009C0382F	FEMA FIRM Flood data
25009C0401F	FEMA FIRM Flood data
25009C0381F	FEMA FIRM Flood data
25009C0383F	FEMA FIRM Flood data
25009C0403F	FEMA FIRM Flood data

NATIONAL WETLAND INVENTORY

<u>NWI Quad at Target Property</u>	NWI Electronic
READING	<u>Data Coverage</u> YES - refer to the Overview Map and Detail Map

HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

AQUIFLOW®

Search Radius: 1.000 Mile.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

<u>MAP ID</u>	<u>LOCATION</u>	<u>GENERAL DIRECTION</u>
	<u>FROM TP</u>	<u>GROUNDWATER FLOW</u>
5	1/2 - 1 Mile SE	NE
1G	1/2 - 1 Mile SE	NE

For additional site information, refer to Physical Setting Source Map Findings.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

ROCK STRATIGRAPHIC UNIT

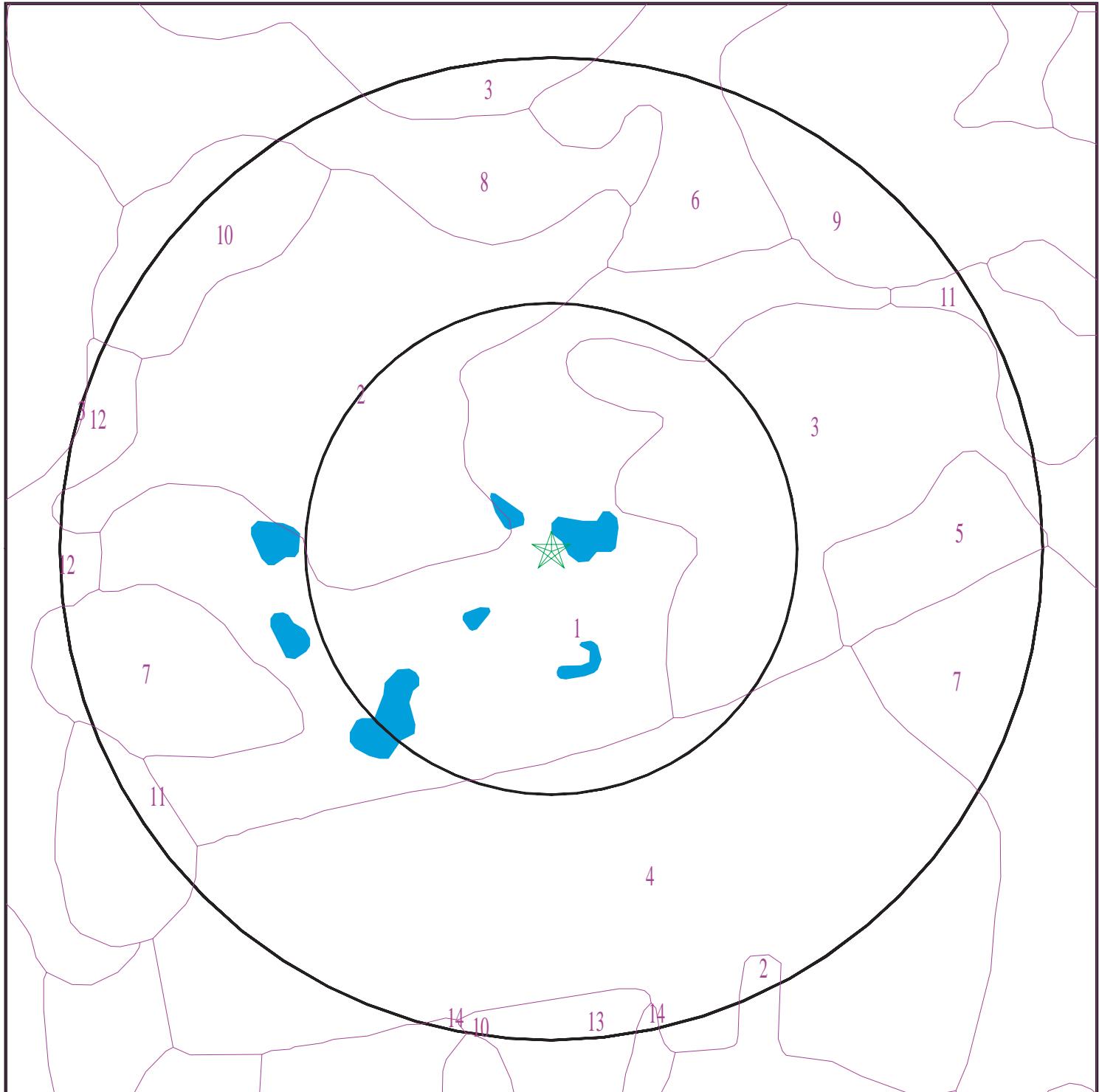
Era: Paleozoic
System: Ordovician
Series: Ordovician volcanic rocks
Code: Ov (decoded above as Era, System & Series)

GEOLOGIC AGE IDENTIFICATION

Category: Volcanic Rocks

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

SSURGO SOIL MAP - 5532837.2s



★ Target Property

~~~~ SSURGO Soil

~~~~ Water

0 1/16 1/8 1/4 Miles



SITE NAME: 105 South Main St
ADDRESS: 105 South Main St
MIDDLETON MA 01949
LAT/LONG: 42.587006 / 71.015035

CLIENT: Geological Field Services
CONTACT: Luke Fabbri
INQUIRY #: 5532837.2s
DATE: January 14, 2019 8:25 am

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. The following information is based on Soil Conservation Service SSURGO data.

Soil Map ID: 1

Soil Component Name: Udorthents
Soil Surface Texture:
Hydrologic Group: Not reported
Soil Drainage Class:
Hydric Status: Unknown
Corrosion Potential - Uncoated Steel: Not Reported
Depth to Bedrock Min: > 0 inches
Depth to Watertable Min: > 0 inches
No Layer Information available.

Soil Map ID: 2

Soil Component Name: Freetown
Soil Surface Texture: muck
Hydrologic Group: Class D - Very slow infiltration rates. Soils are clayey, have a high water table, or are shallow to an impervious layer.
Soil Drainage Class: Very poorly drained
Hydric Status: All hydric
Corrosion Potential - Uncoated Steel: High
Depth to Bedrock Min: > 0 inches
Depth to Watertable Min: > 15 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

| Soil Layer Information | | | | | | | |
|------------------------|----------|-----------|--------------------|----------------|--------------|--|--------------------|
| | Boundary | | | Classification | | Saturated hydraulic conductivity micro m/sec | Soil Reaction (pH) |
| Layer | Upper | Lower | Soil Texture Class | AASHTO Group | Unified Soil | | |
| 1 | 0 inches | 5 inches | muck | Not reported | Not reported | Max: 141.14
Min: 42.34 | Max: Min: |
| 2 | 5 inches | 59 inches | muck | Not reported | Not reported | Max: 141.14
Min: 42.34 | Max: Min: |

Soil Map ID: 3

Soil Component Name: Canton
 Soil Surface Texture: fine sandy loam
 Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.
 Soil Drainage Class: Well drained
 Hydric Status: Partially hydric
 Corrosion Potential - Uncoated Steel: Low
 Depth to Bedrock Min: > 0 inches
 Depth to Watertable Min: > 0 inches

| Soil Layer Information | | | | | | | |
|------------------------|-----------|-----------|---------------------|----------------|--------------|--|--------------------|
| | Boundary | | | Classification | | Saturated hydraulic conductivity micro m/sec | Soil Reaction (pH) |
| Layer | Upper | Lower | Soil Texture Class | AASHTO Group | Unified Soil | | |
| 1 | 0 inches | 7 inches | fine sandy loam | Not reported | Not reported | Max: 141.14
Min: 42.34 | Max: 6 Min: 3.6 |
| 2 | 7 inches | 27 inches | fine sandy loam | Not reported | Not reported | Max: 141.14
Min: 42.34 | Max: 6 Min: 3.6 |
| 3 | 27 inches | 59 inches | gravelly loamy sand | Not reported | Not reported | Max: 141.14
Min: 42.34 | Max: 6 Min: 3.6 |

Soil Map ID: 4

Soil Component Name: Canton
 Soil Surface Texture: fine sandy loam
 Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.
 Soil Drainage Class: Well drained

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: Low

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

| Soil Layer Information | | | | | | | | |
|------------------------|-----------|-----------|---------------------|----------------|--------------|--|--------------------|--|
| Layer | Boundary | | Soil Texture Class | Classification | | Saturated hydraulic conductivity micro m/sec | Soil Reaction (pH) | |
| | Upper | Lower | | AASHTO Group | Unified Soil | | | |
| 1 | 0 inches | 3 inches | fine sandy loam | Not reported | Not reported | Max: 141.14
Min: 42.34 | Max: 6 Min: 3.6 | |
| 2 | 3 inches | 27 inches | fine sandy loam | Not reported | Not reported | Max: 141.14
Min: 42.34 | Max: 6 Min: 3.6 | |
| 3 | 27 inches | 59 inches | gravelly loamy sand | Not reported | Not reported | Max: 141.14
Min: 42.34 | Max: 6 Min: 3.6 | |

Soil Map ID: 5

Soil Component Name: Urban land

Soil Surface Texture: fine sandy loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class:

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

No Layer Information available.

Soil Map ID: 6

Soil Component Name: Hinckley

Soil Surface Texture: gravelly fine sandy loam

Hydrologic Group: Class A - High infiltration rates. Soils are deep, well drained to excessively drained sands and gravels.

Soil Drainage Class: Excessively drained

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: Low

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

| Soil Layer Information | | | | | | | | |
|------------------------|-----------|-----------|--|----------------|--------------|--|--------------------|--|
| Layer | Boundary | | Soil Texture Class | Classification | | Saturated hydraulic conductivity micro m/sec | Soil Reaction (pH) | |
| | Upper | Lower | | AASHTO Group | Unified Soil | | | |
| 1 | 0 inches | 7 inches | gravelly fine sandy loam | Not reported | Not reported | Max: 705
Min: 141.14 | Max: 6 Min: 3.6 | |
| 2 | 7 inches | 16 inches | gravelly loamy sand | Not reported | Not reported | Max: 705
Min: 141.14 | Max: 6 Min: 3.6 | |
| 3 | 16 inches | 59 inches | stratified cobble coarse sand to very gravelly loamy fine sand | Not reported | Not reported | Max: 705
Min: 141.14 | Max: 6 Min: 3.6 | |

Soil Map ID: 7

Soil Component Name: Canton

Soil Surface Texture: fine sandy loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well drained

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: Low

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

| Soil Layer Information | | | | | | | | |
|------------------------|-----------|-----------|---------------------|----------------|--------------|---------------------------|--|--------------------|
| | Boundary | | | Classification | | | Saturated hydraulic conductivity micro m/sec | Soil Reaction (pH) |
| Layer | Upper | Lower | Soil Texture Class | AASHTO Group | Unified Soil | | | |
| 1 | 0 inches | 3 inches | fine sandy loam | Not reported | Not reported | Max: 141.14
Min: 42.34 | Max: 6 Min: 3.6 | |
| 2 | 3 inches | 27 inches | fine sandy loam | Not reported | Not reported | Max: 141.14
Min: 42.34 | Max: 6 Min: 3.6 | |
| 3 | 27 inches | 59 inches | gravelly loamy sand | Not reported | Not reported | Max: 141.14
Min: 42.34 | Max: 6 Min: 3.6 | |

Soil Map ID: 8

Soil Component Name: Merrimac

Soil Surface Texture: fine sandy loam

Hydrologic Group: Class A - High infiltration rates. Soils are deep, well drained to excessively drained sands and gravels.

Soil Drainage Class: Somewhat excessively drained

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: Low

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

| Soil Layer Information | | | | | | | | |
|------------------------|-----------|-----------|--|----------------|--------------|---------------------------|--|--------------------|
| | Boundary | | | Classification | | | Saturated hydraulic conductivity micro m/sec | Soil Reaction (pH) |
| Layer | Upper | Lower | Soil Texture Class | AASHTO Group | Unified Soil | | | |
| 1 | 0 inches | 9 inches | fine sandy loam | Not reported | Not reported | Max: 141.14
Min: 42.34 | Max: 6 Min: 3.6 | |
| 2 | 9 inches | 14 inches | gravelly fine sandy loam | Not reported | Not reported | Max: 141.14
Min: 42.34 | Max: 6 Min: 3.6 | |
| 3 | 14 inches | 22 inches | gravelly sandy loam | Not reported | Not reported | Max: 141.14
Min: 42.34 | Max: 6 Min: 3.6 | |
| 4 | 22 inches | 59 inches | stratified very gravelly coarse sand to sand | Not reported | Not reported | Max: 141.14
Min: 42.34 | Max: 6 Min: 3.6 | |

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Map ID: 9

Soil Component Name: Merrimac
 Soil Surface Texture: fine sandy loam
 Hydrologic Group: Class A - High infiltration rates. Soils are deep, well drained to excessively drained sands and gravels.
 Soil Drainage Class: Somewhat excessively drained
 Hydric Status: Partially hydric
 Corrosion Potential - Uncoated Steel: Low
 Depth to Bedrock Min: > 0 inches
 Depth to Watertable Min: > 0 inches

| Soil Layer Information | | | | | | | | |
|------------------------|-----------|-----------|--|----------------|--------------|--|--|--------------------|
| | Boundary | | | Classification | | | Saturated hydraulic conductivity micro m/sec | Soil Reaction (pH) |
| Layer | Upper | Lower | Soil Texture Class | AASHTO Group | Unified Soil | | | |
| 1 | 0 inches | 9 inches | fine sandy loam | Not reported | Not reported | | Max: 141.14
Min: 42.34 | Max: 6 Min: 3.6 |
| 2 | 9 inches | 14 inches | gravelly fine sandy loam | Not reported | Not reported | | Max: 141.14
Min: 42.34 | Max: 6 Min: 3.6 |
| 3 | 14 inches | 22 inches | gravelly sandy loam | Not reported | Not reported | | Max: 141.14
Min: 42.34 | Max: 6 Min: 3.6 |
| 4 | 22 inches | 59 inches | stratified very gravelly coarse sand to sand | Not reported | Not reported | | Max: 141.14
Min: 42.34 | Max: 6 Min: 3.6 |

Soil Map ID: 10

Soil Component Name: Walpole
 Soil Surface Texture: fine sandy loam
 Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.
 Soil Drainage Class: Poorly drained
 Hydric Status: Partially hydric
 Corrosion Potential - Uncoated Steel: Low
 Depth to Bedrock Min: > 0 inches
 Depth to Watertable Min: > 15 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

| Soil Layer Information | | | | | | | | |
|------------------------|-----------|-----------|--|----------------|--------------|---------------------------|--|--------------------|
| | Boundary | | | Classification | | | Saturated hydraulic conductivity micro m/sec | Soil Reaction (pH) |
| Layer | Upper | Lower | Soil Texture Class | AASHTO Group | Unified Soil | | | |
| 1 | 0 inches | 9 inches | fine sandy loam | Not reported | Not reported | Max: 141.14
Min: 42.34 | Max: 7.3
Min: 4.5 | |
| 2 | 9 inches | 22 inches | sandy loam | Not reported | Not reported | Max: 141.14
Min: 42.34 | Max: 7.3
Min: 4.5 | |
| 3 | 22 inches | 59 inches | stratified
gravelly coarse
sand to loamy
sand | Not reported | Not reported | Max: 141.14
Min: 42.34 | Max: 7.3
Min: 4.5 | |

Soil Map ID: 11

Soil Component Name: Whitman

Soil Surface Texture: loam

Hydrologic Group: Class D - Very slow infiltration rates. Soils are clayey, have a high water table, or are shallow to an impervious layer.

Soil Drainage Class: Very poorly drained

Hydric Status: All hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

| Soil Layer Information | | | | | | | | |
|------------------------|-----------|-----------|-----------------------------|----------------|--------------|---------------------|--|--------------------|
| | Boundary | | | Classification | | | Saturated hydraulic conductivity micro m/sec | Soil Reaction (pH) |
| Layer | Upper | Lower | Soil Texture Class | AASHTO Group | Unified Soil | | | |
| 1 | 0 inches | 3 inches | loam | Not reported | Not reported | Max: 1.41
Min: 0 | Max: 6.5
Min: 4.5 | |
| 2 | 3 inches | 14 inches | gravelly fine
sandy loam | Not reported | Not reported | Max: 1.41
Min: 0 | Max: 6.5
Min: 4.5 | |
| 3 | 14 inches | 22 inches | fine sandy loam | Not reported | Not reported | Max: 1.41
Min: 0 | Max: 6.5
Min: 4.5 | |
| 4 | 22 inches | 59 inches | gravelly loamy
sand | Not reported | Not reported | Max: 1.41
Min: 0 | Max: 6.5
Min: 4.5 | |

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Map ID: 12

Soil Component Name: Ridgebury
Soil Surface Texture: fine sandy loam
Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.
Soil Drainage Class: Poorly drained
Hydric Status: Partially hydric
Corrosion Potential - Uncoated Steel: High
Depth to Bedrock Min: > 0 inches
Depth to Watertable Min: > 23 inches

| Soil Layer Information | | | | | | | | |
|------------------------|-----------|-----------|---------------------|----------------|--------------|--|--|----------------------|
| | Boundary | | | Classification | | | Saturated hydraulic conductivity micro m/sec | Soil Reaction (pH) |
| Layer | Upper | Lower | Soil Texture Class | AASHTO Group | Unified Soil | | | |
| 1 | 0 inches | 9 inches | fine sandy loam | Not reported | Not reported | | Max: 1.41
Min: 0 | Max: 6.5
Min: 4.5 |
| 2 | 9 inches | 20 inches | gravelly sandy loam | Not reported | Not reported | | Max: 1.41
Min: 0 | Max: 6.5
Min: 4.5 |
| 3 | 20 inches | 59 inches | gravelly sandy loam | Not reported | Not reported | | Max: 1.41
Min: 0 | Max: 6.5
Min: 4.5 |

Soil Map ID: 13

Soil Component Name: Canton
Soil Surface Texture: fine sandy loam
Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.
Soil Drainage Class: Well drained
Hydric Status: Partially hydric
Corrosion Potential - Uncoated Steel: Low
Depth to Bedrock Min: > 0 inches
Depth to Watertable Min: > 0 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

| Soil Layer Information | | | | | | | | |
|------------------------|-----------|-----------|---------------------|----------------|--------------|---------------------------|--|--------------------|
| | Boundary | | | Classification | | | Saturated hydraulic conductivity micro m/sec | Soil Reaction (pH) |
| Layer | Upper | Lower | Soil Texture Class | AASHTO Group | Unified Soil | | | |
| 1 | 0 inches | 3 inches | fine sandy loam | Not reported | Not reported | Max: 141.14
Min: 42.34 | Max: 6 Min: 3.6 | |
| 2 | 3 inches | 27 inches | fine sandy loam | Not reported | Not reported | Max: 141.14
Min: 42.34 | Max: 6 Min: 3.6 | |
| 3 | 27 inches | 59 inches | gravelly loamy sand | Not reported | Not reported | Max: 141.14
Min: 42.34 | Max: 6 Min: 3.6 | |

Soil Map ID: 14

Soil Component Name:

Woodbridge

Soil Surface Texture:

fine sandy loam

Hydrologic Group:

Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class:

Moderately well drained

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: Low

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 69 inches

| Soil Layer Information | | | | | | | | |
|------------------------|-----------|-----------|--------------------------|----------------|--------------|---------------------|--|--------------------|
| | Boundary | | | Classification | | | Saturated hydraulic conductivity micro m/sec | Soil Reaction (pH) |
| Layer | Upper | Lower | Soil Texture Class | AASHTO Group | Unified Soil | | | |
| 1 | 0 inches | 5 inches | fine sandy loam | Not reported | Not reported | Max: 1.41
Min: 0 | Max: 6 Min: 4.5 | |
| 2 | 5 inches | 25 inches | fine sandy loam | Not reported | Not reported | Max: 1.41
Min: 0 | Max: 6 Min: 4.5 | |
| 3 | 25 inches | 59 inches | gravelly fine sandy loam | Not reported | Not reported | Max: 1.41
Min: 0 | Max: 6 Min: 4.5 | |

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

LOCAL / REGIONAL WATER AGENCY RECORDS

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

WELL SEARCH DISTANCE INFORMATION

| <u>DATABASE</u> | <u>SEARCH DISTANCE (miles)</u> |
|------------------|--------------------------------|
| Federal USGS | 1.000 |
| Federal FRDS PWS | Nearest PWS within 1 mile |
| State Database | 1.000 |

FEDERAL USGS WELL INFORMATION

| <u>MAP ID</u> | <u>WELL ID</u> | <u>LOCATION</u> |
|---------------|-----------------|-----------------|
| A6 | USGS40000477829 | 1/2 - 1 Mile SW |
| A7 | USGS40000477819 | 1/2 - 1 Mile SW |

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

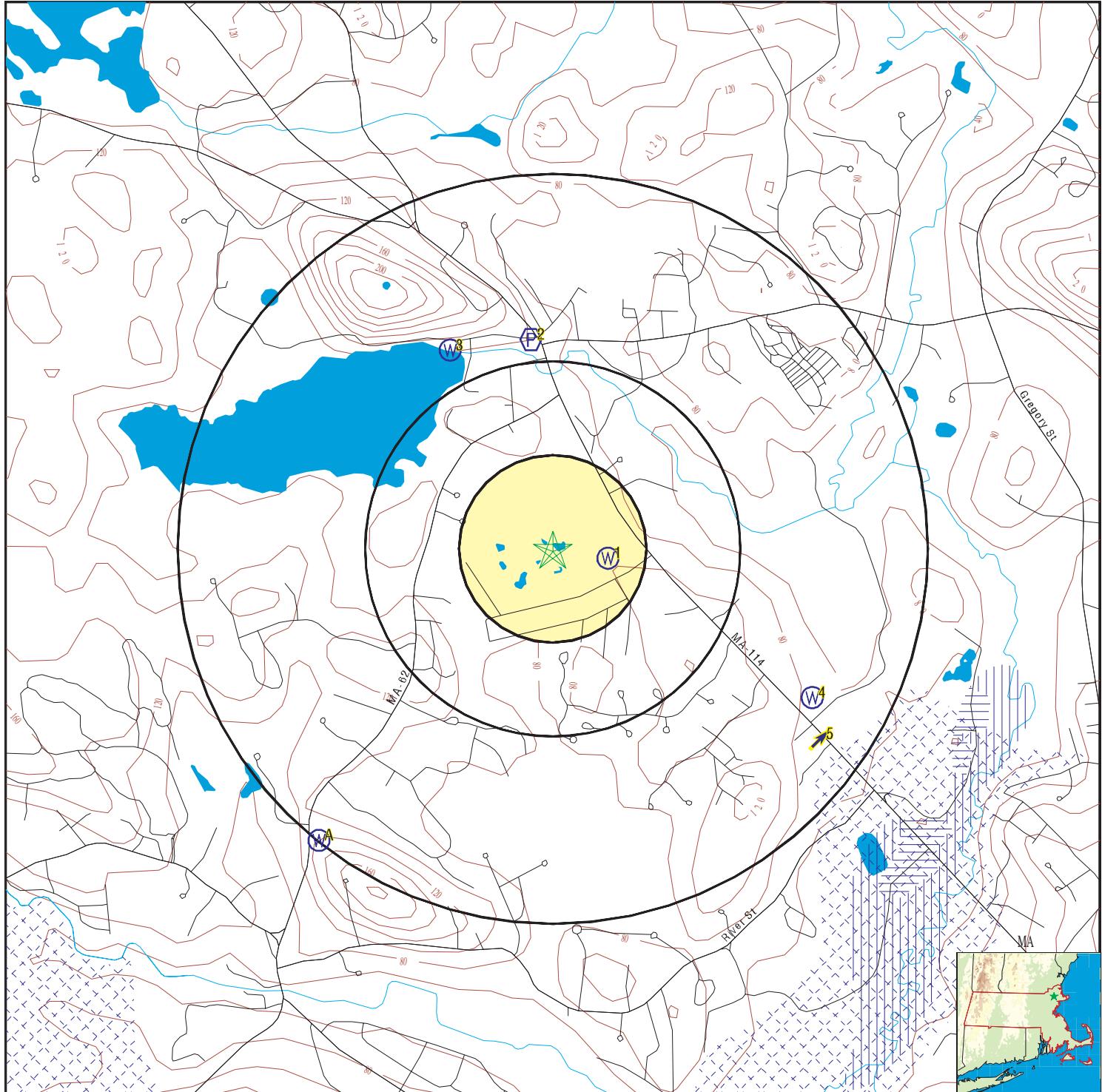
| <u>MAP ID</u> | <u>WELL ID</u> | <u>LOCATION</u> |
|---------------|----------------|--------------------|
| 2 | MA3184033 | 1/2 - 1 Mile North |

Note: PWS System location is not always the same as well location.

STATE DATABASE WELL INFORMATION

| <u>MAP ID</u> | <u>WELL ID</u> | <u>LOCATION</u> |
|---------------|-----------------|---------------------|
| 1 | MA9000000000175 | 1/8 - 1/4 Mile East |
| 3 | MA9000000001044 | 1/2 - 1 Mile NNW |
| 4 | MA9000000005352 | 1/2 - 1 Mile ESE |

PHYSICAL SETTING SOURCE MAP - 5532837.2s



 County Boundary

Major Roads

N Contour Lines

○ Earthquake epicenter, Richter 5 or greater

W Water Wells

 Public Water Supply Wells

○ Cluster of Multiple Icons

Groundwater Flow Direction

G I Indeterminate Groundwater Flow at Location

GV Groundwater Flow Varies at Location

Potentially Productive Aquifers

Not Potentially Productive Aquifers

 DEP Approved Zone II

 EPA Designated Sole Src. Aq.

SITE NAME: 105 South Main St
ADDRESS: 105 South Main St
MIDDLETON MA 01949
LAT/LONG: 42.587006 / 71.015035

CLIENT: Geological Field Services
CONTACT: Luke Fabbri
INQUIRY #: 5532837.2s
DATE: January 14, 2019 8:25 am

GEOCHECK®- PHYSICAL SETTING SOURCE MAP FINDINGS

| Map ID
Direction
Distance
Elevation | Database | EDR ID Number |
|---|--|------------------------|
| 1
East
1/8 - 1/4 Mile
Higher | MA WELLS | MA9000000000175 |
| PWS ID: 3184004
Type: Transient Non-Community
SubBasin: IPSWICH | Site Name: MIDDLETON GOLF COURSE II, INC.
Facility Name: Not Reported | |
| Basemap: NA
Feature Type: GW
Primary Location Source: SV
Tertiary Location Source: Not Reported | Accuracy Estimate (ft): 100
Location Method: GP_6
Secondary Location Source: Not Reported | |
| Source ID: 3184004-01G
Source Name: MIDDLETON GOLF WELL
Source Status: A
Source Availability: ACTIVE | PWS Name: MIDDLETON GOLF COURSE II, INC.
PWS Status: A
PWS Class: NC | |
| 2
North
1/2 - 1 Mile
Higher | FRDS PWS | MA3184033 |
| Epa region: 01
Pwsid: MA3184033
Pwsname: DANVERS FISH & GAME CLUB (DUPLICATE)
Cityserved: Not Reported
Zipserviced: Not Reported
Status: Closed
Pwssvcconn: 1
Pwstype: TNCWS
Contact: DANVERS FISH & GAME CLUB (DUPLICATE)
Contactorgname: Not Reported
Contactaddress1: DUPLICATE FILE DELETE
Contactcity: MIDDLETON
Contactzip: 019490000 | State: MA
Stateserved: MA
Fipscounty: 25009
Retpopsrvd: 25
Psource longname: Groundwater
Owner: Private
Contactphone: Not Reported
Contactaddress2: Not Reported
Contactstate: MA
Pwsactivitycode: I | |
| PWS ID: MA3184033
PWS name: DANVERS FISH AND GAME CLUB
PWS address: DUPLICATE FILE DELETE
PWS state: MA
PWS ID: MA3184033
Date system activated: 9003
Retail population: 00000025
System address: DUPLICATE FILE DELETE
System state: MA | PWS type: Mailing
PWS city: MIDDLETON
PWS zip: 019490000
Activity status: Active
Date system deactivated: Not Reported
System name: DANVERS FISH AND GAME CLUB
System city: MIDDLETON
System zip: 019490000 | |
| County FIPS: Not Reported
Population served: Under 101 Persons
Latitude: 423542 | City served: METHUEN
Treatment: Untreated
Longitude: 0710100 | |

GEOCHECK®- PHYSICAL SETTING SOURCE MAP FINDINGS

| Map ID
Direction
Distance
Elevation | | Database | EDR ID Number |
|--|--|---|--|
| 3
NNW
1/2 - 1 Mile
Higher | | MA WELLS | MA9000000001044 |
| PWS ID: | 3071000 | Site Name: | MIDDLETON POND RES. |
| Type: | Community Surface Water Source | | |
| Facility Name: | Not Reported | SubBasin: | IPSWICH |
| Basemap: | NA | Accuracy Estimate (ft): | 100 |
| Feature Type: | SW | Location Method: | GP_6 |
| Primary Location Source: | SV | Secondary Location Source: | Not Reported |
| Tertiary Location Source: | Not Reported | | |
| Source ID: | 3071000-01S | PWS Name: | DANVERS WATER DEPT. |
| Source Name: | MIDDLETON POND RES. | PWS Status: | A |
| Source Status: | A | PWS Class: | COM |
| Source Availability: | ACTIVE | | |
| 4
ESE
1/2 - 1 Mile
Lower | | MA WELLS | MA9000000005352 |
| PWS ID: | Not Reported | Site Name: | Not Reported |
| Type: | Not Reported | Facility Name: | MIDDLETON AEROSPACE CORPORATION |
| SubBasin: | IPSWICH | | |
| Basemap: | DOQ | Accuracy Estimate (ft): | 100 |
| Feature Type: | CS | Location Method: | MAP |
| Primary Location Source: | MS_SITE | Secondary Location Source: | Not Reported |
| Tertiary Location Source: | Not Reported | UST ID: | 0 |
| Date Mapped: | Not Reported | | |
| 5
SE
1/2 - 1 Mile
Lower | Site ID:
Groundwater Flow:
Water Table Depth:
Date: | 3-0001505
NE
Not Reported
09/15/1989 | AQUIFLOW 2589 |
| A6
SW
1/2 - 1 Mile
Higher | | | FED USGS USGS40000477829 |
| Organization ID: | USGS-MA | | |
| Organization Name: | USGS Massachusetts Water Science Center | | |
| Monitor Location: | MA-MVW 3 | Type: | Well |
| Description: | Not Reported | HUC: | 01090001 |
| Drainage Area: | Not Reported | Drainage Area Units: | Not Reported |
| Contrib Drainage Area: | Not Reported | Contrib Drainage Area Units: | Not Reported |
| Aquifer: | Not Reported | Formation Type: | Not Reported |
| Aquifer Type: | Not Reported | Construction Date: | Not Reported |

GEOCHECK®- PHYSICAL SETTING SOURCE MAP FINDINGS

| | | | |
|------------------|--------------|------------------------|--------------|
| Well Depth: | 132 | Well Depth Units: | ft |
| Well Hole Depth: | Not Reported | Well Hole Depth Units: | Not Reported |

A7
SW
1/2 - 1 Mile
Higher

FED USGS USGS40000477819

| | | | |
|------------------------|---|------------------------------|--------------|
| Organization ID: | USGS-MA | | |
| Organization Name: | USGS Massachusetts Water Science Center | | |
| Monitor Location: | 490 | Type: | Well |
| Description: | Not Reported | HUC: | Not Reported |
| Drainage Area: | Not Reported | Drainage Area Units: | Not Reported |
| Contrib Drainage Area: | Not Reported | Contrib Drainage Area Units: | Not Reported |
| Aquifer: | Not Reported | Formation Type: | Not Reported |
| Aquifer Type: | Mixed (confined and unconfined multiple aquifers) | | |
| Construction Date: | Not Reported | Well Depth: | Not Reported |
| Well Depth Units: | Not Reported | Well Hole Depth: | Not Reported |
| Well Hole Depth Units: | Not Reported | | |

1G
SE
1/2 - 1 Mile
Lower

AQUIFLOW 2589

| | | | |
|--------------------|--------------|--|--|
| Site ID: | 3-0001505 | | |
| Groundwater Flow: | NE | | |
| Water Table Depth: | Not Reported | | |
| Date: | 09/15/1989 | | |

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

RADON

AREA RADON INFORMATION

State Database: MA Radon

Radon Test Results

| County | % of sites>4 pCi/L | Median |
|--------|--------------------|--------|
| ESSEX | 36 | 2.8 |

Federal EPA Radon Zone for ESSEX County: 1

Note: Zone 1 indoor average level > 4 pCi/L.

: Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.

: Zone 3 indoor average level < 2 pCi/L.

Federal Area Radon Information for Zip Code: 01949

Number of sites tested: 2

| Area | Average Activity | % <4 pCi/L | % 4-20 pCi/L | % >20 pCi/L |
|-------------------------|------------------|--------------|--------------|--------------|
| Living Area - 1st Floor | Not Reported | Not Reported | Not Reported | Not Reported |
| Living Area - 2nd Floor | Not Reported | Not Reported | Not Reported | Not Reported |
| Basement | 3.150 pCi/L | 50% | 50% | 0% |

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)

Source: United States Geologic Survey

EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

Current USGS 7.5 Minute Topographic Map

Source: U.S. Geological Survey

HYDROLOGIC INFORMATION

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.

Source: FEMA

Telephone: 877-336-2627

Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetland Inventory

Source: MassDEP

Telephone: 617-292-5907

HYDROGEOLOGIC INFORMATION

AQUIFLOW^R Information System

Source: EDR proprietary database of groundwater flow information

EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit

Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

STATSGO: State Soil Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)

The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

SSURGO: Soil Survey Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)

Telephone: 800-672-5559

SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Service, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)

This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

STATE RECORDS

Massachusetts Geographic Information System (MassGIS) Datalayers

Source: Executive Office of Environmental Affairs

Telephone:

Public Water Supply Database

Telephone:

The Public Water Supply datalayer contains the locations of public community surface and groundwater supply sources and public non-community supply sources as defined in 310 CMR 22.00.

Areas of Critical Environmental Concern

Telephone:

The Areas of Critical Environmental Concern (ACEC) datalayer shows the location of areas that have been designated ACECs by the Secretary of Environmental Affairs. ACEC designation requires greater environmental review of certain kinds of proposed development under state jurisdiction within the ACEC boundaries. The ACEC Program is administered by the Department of Environmental Management (DEM) on behalf of the Secretary of Environmental Affairs. The Massachusetts Coastal Zone Management (MCZM) Office managed the original Coastal ACEC Program from 1978 to 1993, and continues to play a key role in monitoring coastal ACECs. Procedures for ACEC designation and the general policies governing the effects of designation are contained in the ACEC regulations (301 CMR 12.00). The ACEC datalayer has been compiled by MCZM and DEM and includes both coastal and inland areas.

EPA Designated Sole Source Aquifers

Telephone:

The Sole Source Aquifer datalayer was compiled by the Department of Environmental Protection (DEP) Division of Water Supply (DWS). Seven Sole Source Aquifers have been designated by the US Environmental Protection Agency (EPA) for Massachusetts. A Sole Source Aquifer (SSA) is an aquifer designated by US EPA as the sole or principal source of drinking water for a given aquifer service area; that is, an aquifer which is needed to supply 50% or more of the drinking water for that area and for which there are no reasonably available alternative sources should that aquifer become contaminated. The aquifers were defined by an EPA hydrogeologist.

Aquifers

Telephone:

MassGIS produced an aquifer datalayer composed of 20 individual panels, generally based on the boundaries of the major drainage basins. Areas of high and medium yield were mapped. This datalayer includes polygon attribute coding to help in the identification of areas in which cleanup of hazardous waste sites must meet drinking water standards, as defined in the Massachusetts Contingency Plan (MCP) (310 CMR 40.00000).

Non-Potential Drinking Water Source Areas

Telephone:

Non-Potential Drinking Water Source Areas (NPDWSA) are regulatory in nature representing one of many considerations used in determining the standards to which ground water must be cleaned in the event of a release of oil or hazardous material. NPDWSAs are not based on existing water quality and do not indicate poor ambient conditions.

DEP Approved Zone IIs

TC5532837.2s Page PGSR-2

Telephone:

The Department of Environmental Protection (DEP) 17 South Street, Boston, MA 02110-1492, 617-292-1100, 800-632-2437, DEP.DRIS@state.ma.us

PHYSICAL SETTING SOURCE RECORDS SEARCHED

OTHER STATE DATABASE INFORMATION

RADON

State Database: MA Radon
Source: Department of Health
Telephone: 413-586-7525
Radon Test Results

Area Radon Information

Source: USGS
Telephone: 703-356-4020
The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

EPA Radon Zones

Source: EPA
Telephone: 703-356-4020
Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

OTHER

Airport Landing Facilities: Private and public use landing facilities
Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater
Source: Department of Commerce, National Oceanic and Atmospheric Administration

Earthquake Fault Lines: The fault lines displayed on EDR's Topographic map are digitized quaternary faultlines, prepared in 1975 by the United States Geological Survey

STREET AND ADDRESS INFORMATION

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105 South Main St
105 South Main St
MIDDLETON, MA 01949

Inquiry Number: 5532837.3

January 11, 2019

Certified Sanborn® Map Report



6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

Certified Sanborn® Map Report

01/11/19

Site Name:
105 South Main St
105 South Main St
MIDDLETON, MA 01949
EDR Inquiry # 5532837.3

Client Name:
Geological Field Services
14 Hubon Street
Salem, MA 01970
Contact: Luke Fabbri



The Sanborn Library has been searched by EDR and maps covering the target property location as provided by Geological Field Services were identified for the years listed below. The Sanborn Library is the largest, most complete collection of fire insurance maps. The collection includes maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow, and others. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by the Sanborn Library LLC, the copyright holder for the collection. Results can be authenticated by visiting www.edrnet.com/sanborn.

The Sanborn Library is continually enhanced with newly identified map archives. This report accesses all maps in the collection as of the day this report was generated.

Certified Sanborn Results:

Certification # B366-4907-998B

PO # NA

Project NA

UNMAPPED PROPERTY

This report certifies that the complete holdings of the Sanborn Library, LLC collection have been searched based on client supplied target property information, and fire insurance maps covering the target property were not found.



Sanborn® Library search results

Certification #: B366-4907-998B

The Sanborn Library includes more than 1.2 million fire insurance maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow and others which track historical property usage in approximately 12,000 American cities and towns. Collections searched:

- Library of Congress
- University Publications of America
- EDR Private Collection

The Sanborn Library LLC Since 1866™

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105 South Main St
105 South Main St
MIDDLETON, MA 01949

Inquiry Number: 5532837.4

January 11, 2019

EDR Historical Topo Map Report with QuadMatch™



6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

EDR Historical Topo Map Report

01/11/19

Site Name:

105 South Main St
105 South Main St
MIDDLETON, MA 01949
EDR Inquiry # 5532837.4

Client Name:

Geological Field Services
14 Hubon Street
Salem, MA 01970
Contact: Luke Fabbri



EDR Topographic Map Library has been searched by EDR and maps covering the target property location as provided by Geological Field Services were identified for the years listed below. EDR's Historical Topo Map Report is designed to assist professionals in evaluating potential liability on a target property resulting from past activities. EDR's Historical Topo Map Report includes a search of a collection of public and private color historical topographic maps, dating back to the late 1800s.

Search Results:**Coordinates:**

| | | | |
|-----------------|----|----------------------|-----------------------------|
| P.O.# | NA | Latitude: | 42.587006 42° 35' 13" North |
| Project: | NA | Longitude: | -71.015035 -71° 0' 54" West |
| | | UTM Zone: | Zone 19 North |
| | | UTM X Meters: | 334659.17 |
| | | UTM Y Meters: | 4716922.09 |
| | | Elevation: | 83.71' above sea level |

Maps Provided:

| | |
|------------|------------|
| 2012 | 1918, 1919 |
| 1985, 1987 | 1915 |
| 1979 | 1893 |
| 1966, 1970 | 1888 |
| 1951, 1956 | |
| 1947 | |
| 1944 | |
| 1943 | |

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Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

2012 Source Sheets



Salem
2012
7.5-minute, 24000



Reading
2012
7.5-minute, 24000

1985, 1987 Source Sheets

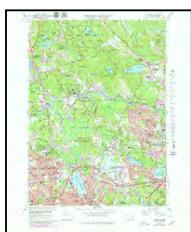


Salem
1985
7.5-minute, 25000
Aerial Photo Revised 1978

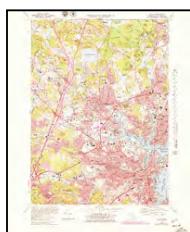


Reading
1987
7.5-minute, 25000
Aerial Photo Revised 1978

1979 Source Sheets



Reading
1979
7.5-minute, 25000
Aerial Photo Revised 1977



Salem
1979
7.5-minute, 25000
Aerial Photo Revised 1977

1966, 1970 Source Sheets



Reading
1966
7.5-minute, 24000
Aerial Photo Revised 1939



Salem
1970
7.5-minute, 24000
Aerial Photo Revised 1969

Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

1951, 1956 Source Sheets

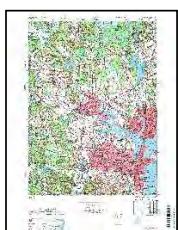


Reading
1951
7.5-minute, 24000

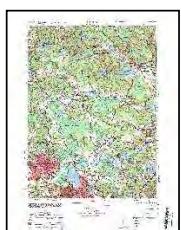


Salem
1956
7.5-minute, 24000

1947 Source Sheets



SALEM
1947
7.5-minute, 25000



READING
1947
7.5-minute, 25000

1944 Source Sheets



Reading
1944
7.5-minute, 31680



Salem
1944
7.5-minute, 31680

1943 Source Sheets



Lowell
1943
30-minute, 125000



Cape Ann
1943
30-minute, 125000

Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

1918, 1919 Source Sheets



Lawrence
1918
15-minute, 62500



Salem
1919
15-minute, 62500

1915 Source Sheets



SALEM
1915
15-minute, 62500



LAWRENCE
1915
15-minute, 62500

1893 Source Sheets

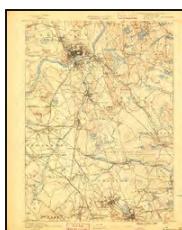


Lawrence
1893
15-minute, 62500

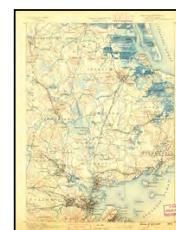


Salem
1893
15-minute, 62500

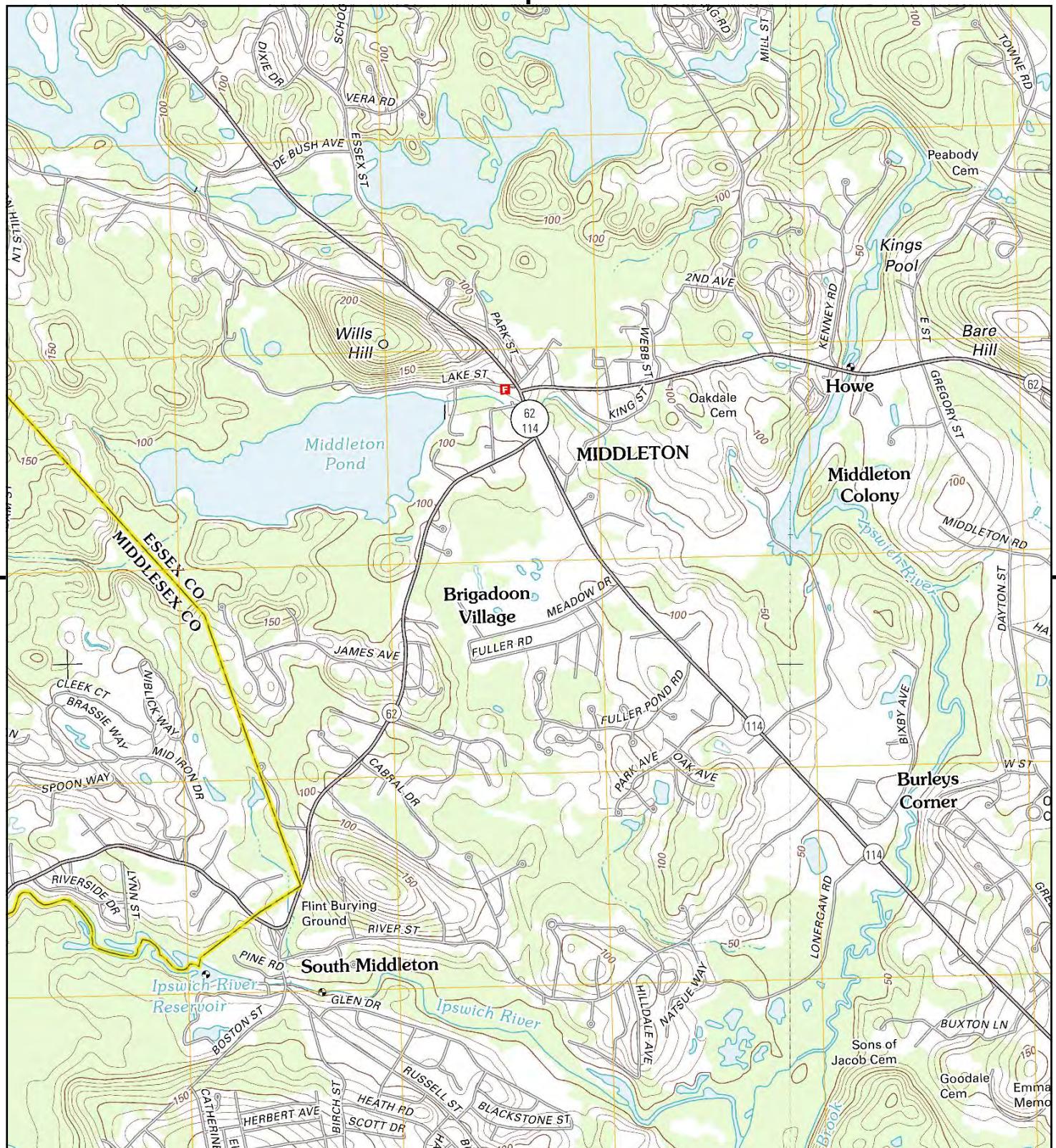
1888 Source Sheets



Lawrence
1888
15-minute, 62500

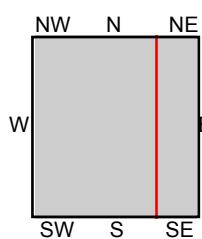


Salem
1888
15-minute, 62500



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5



TP, Reading, 2012, 7.5-minute
SE, Salem, 2012, 7.5-minute

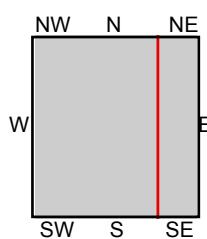
SITE NAME: 105 South Main St
ADDRESS: 105 South Main St
MIDDLETON, MA 01949
CLIENT: Geological Field Services





This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5



TP, Reading, 1987, 7.5-minute
E, Salem, 1985, 7.5-minute

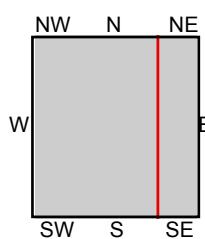
SITE NAME: 105 South Main St
ADDRESS: 105 South Main St
MIDDLETON, MA 01949
CLIENT: Geological Field Services





This report includes information from the following map sheet(s).

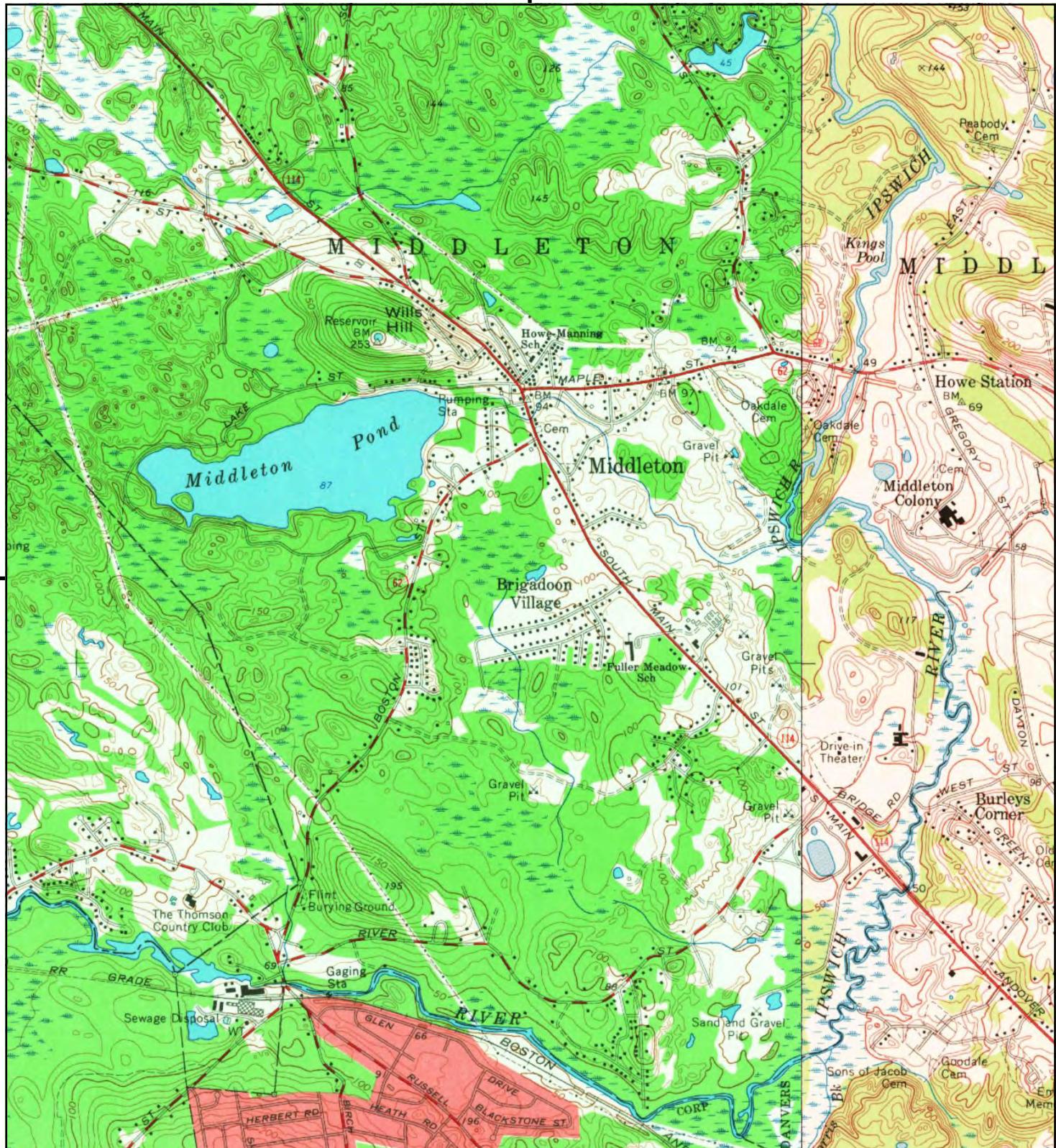
0 Miles 0.25 0.5 1 1.5



TP, Reading, 1979, 7.5-minute
SE, Salem, 1979, 7.5-minute

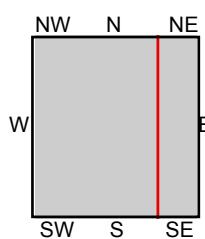
SITE NAME: 105 South Main St
ADDRESS: 105 South Main St
MIDDLETON, MA 01949
CLIENT: Geological Field Services





This report includes information from the following map sheet(s).

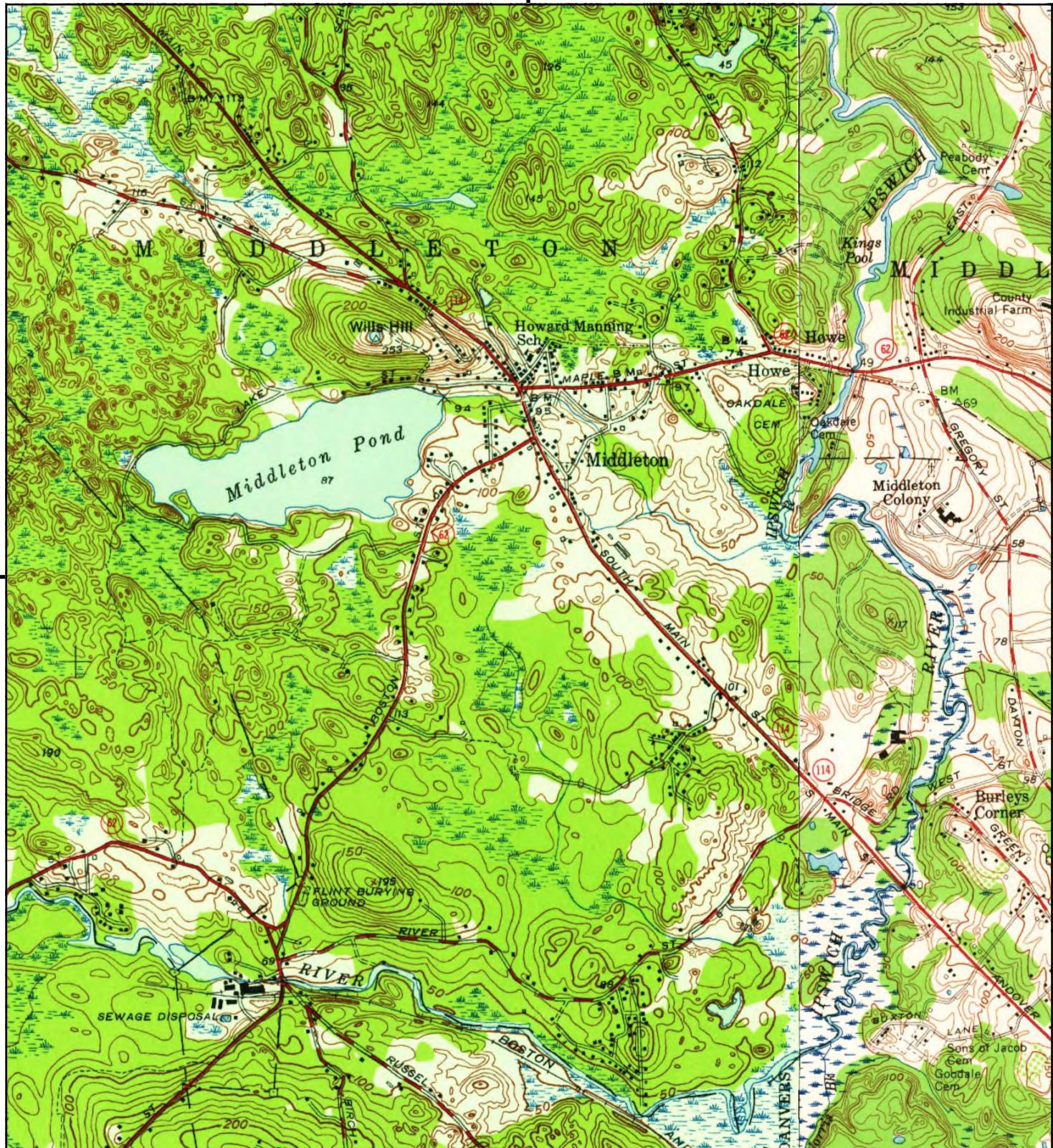
0 Miles 0.25 0.5 1 1.5



TP, Reading, 1966, 7.5-minute
SE, Salem, 1970, 7.5-minute

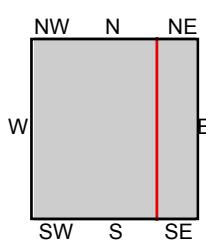
SITE NAME: 105 South Main St
ADDRESS: 105 South Main St
MIDDLETON, MA 01949
CLIENT: Geological Field Services





This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5



TP, Reading, 1951, 7.5-minute
SE, Salem, 1956, 7.5-minute

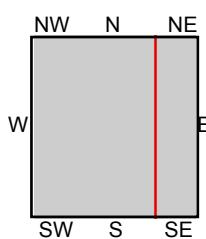
SITE NAME: 105 South Main St
ADDRESS: 105 South Main St
MIDDLETON, MA 01949
CLIENT: Geological Field Services





This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5



TP, READING, 1947, 7.5-minute
SE, SALEM, 1947, 7.5-minute

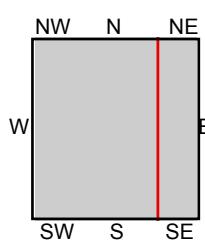
SITE NAME: 105 South Main St
ADDRESS: 105 South Main St
MIDDLETON, MA 01949
CLIENT: Geological Field Services





This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5



TP, Reading, 1944, 7.5-minute
SE, Salem, 1944, 7.5-minute

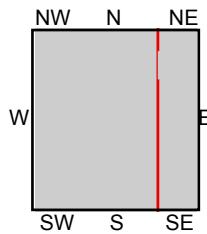
SITE NAME: 105 South Main St
ADDRESS: 105 South Main St
MIDDLETON, MA 01949
CLIENT: Geological Field Services





This report includes information from the following map sheet(s).

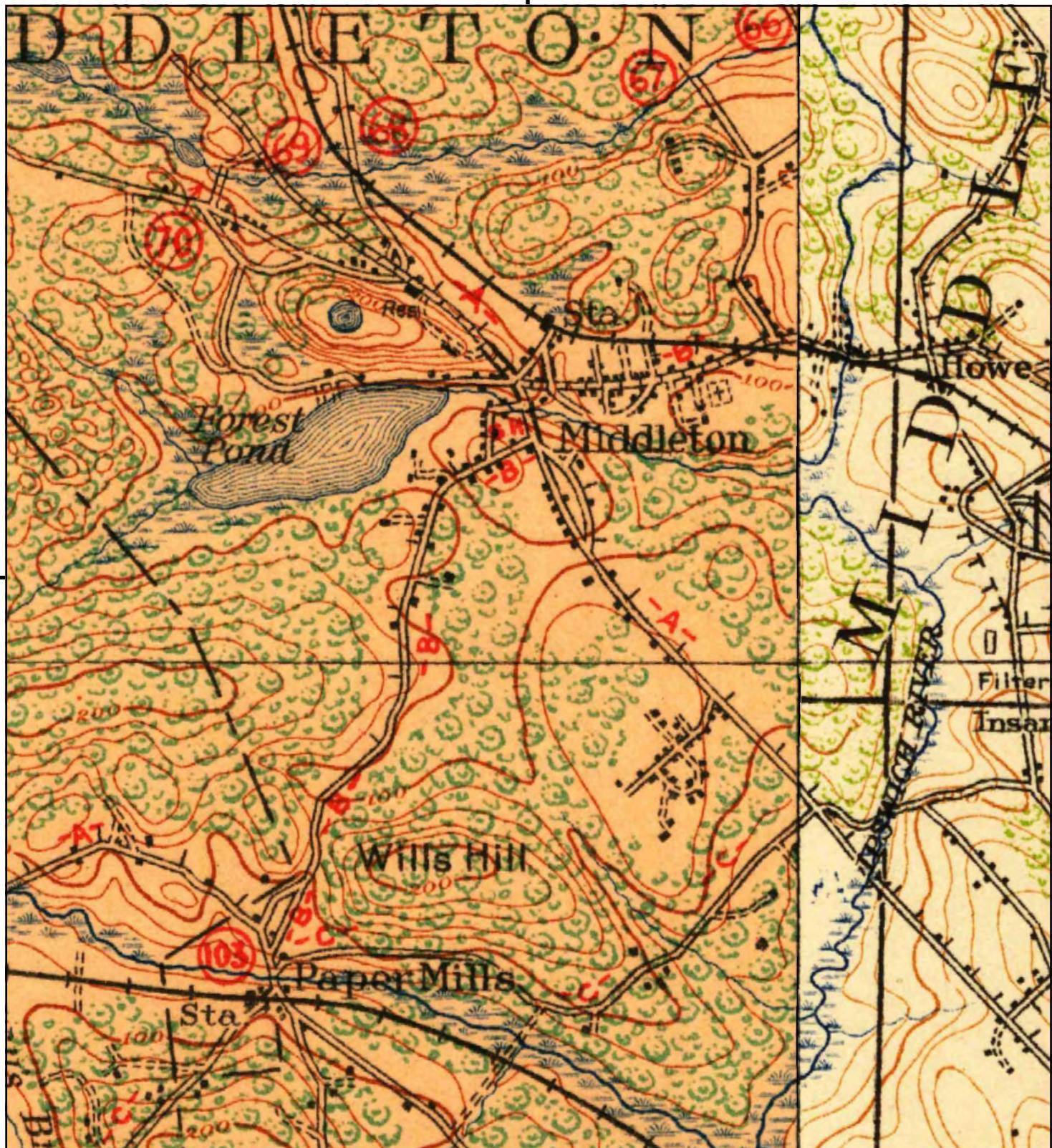
0 Miles 0.25 0.5 1 1.5



TP, Lowell, 1943, 30-minute
NE, Cape Ann, 1943, 30-minute

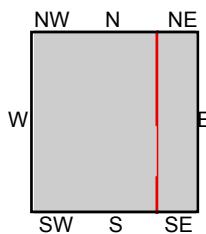
SITE NAME: 105 South Main St
ADDRESS: 105 South Main St
MIDDLETON, MA 01949
CLIENT: Geological Field Services





This report includes information from the following map sheet(s).

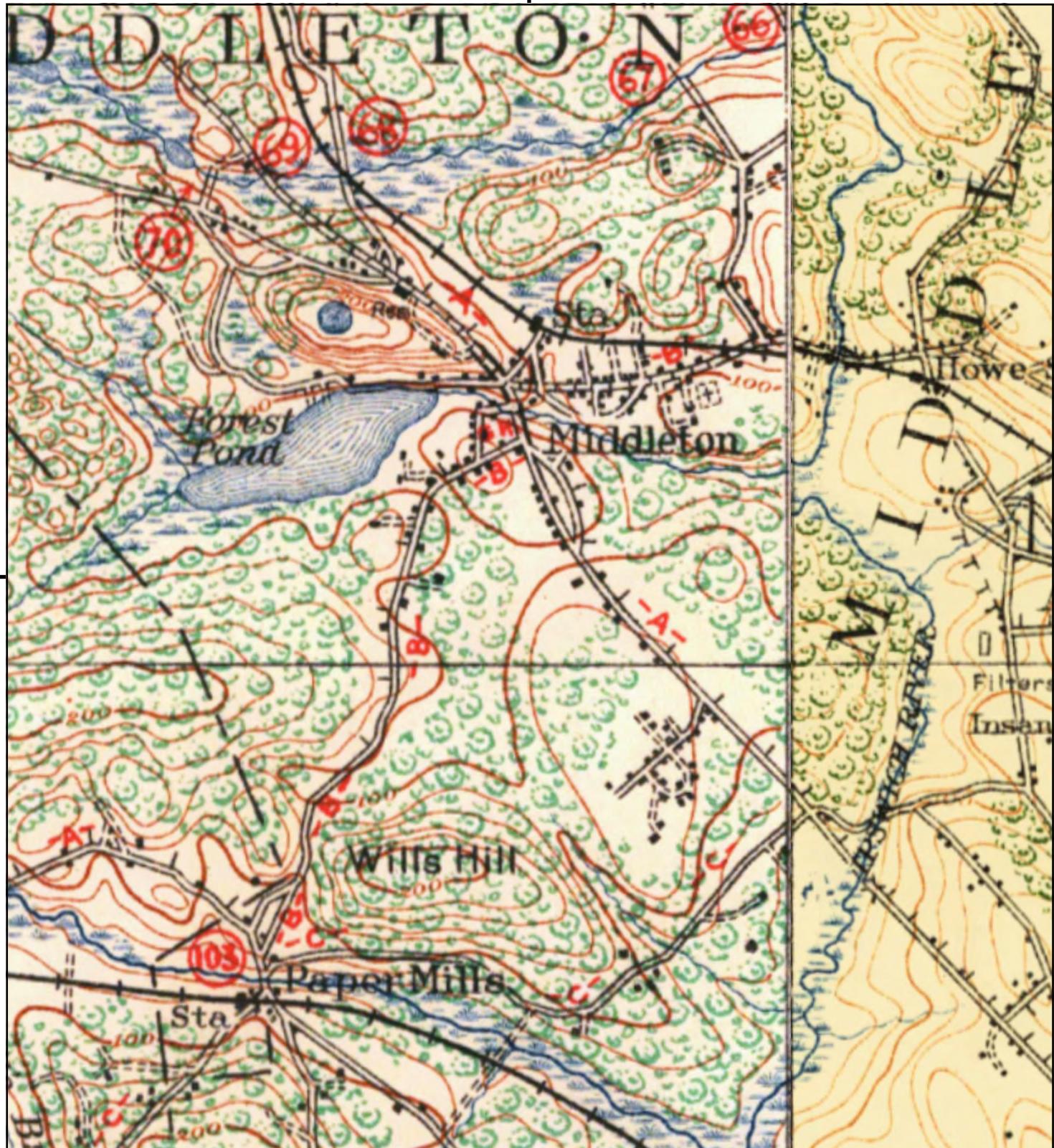
0 Miles 0.25 0.5 1 1.5



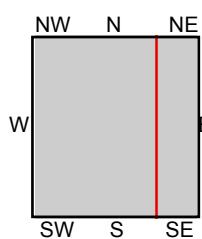
TP, Lawrence, 1918, 15-minute
E, Salem, 1919, 15-minute

SITE NAME: 105 South Main St
ADDRESS: 105 South Main St
MIDDLETON, MA 01949
CLIENT: Geological Field Services





This report includes information from the following map sheet(s).

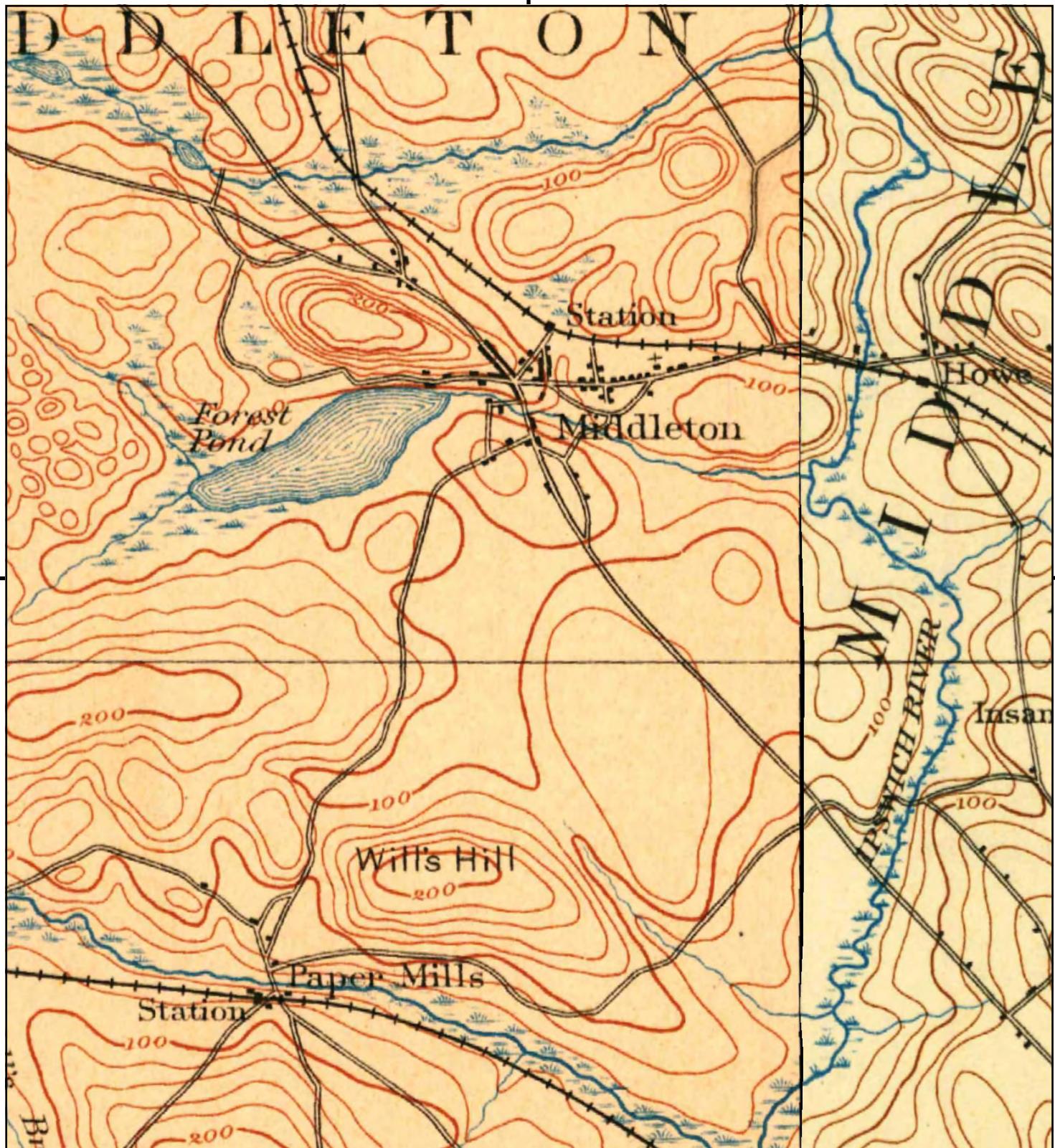


TP, LAWRENCE, 1915, 15-minute
E, SALEM, 1915, 15-minute

Scale

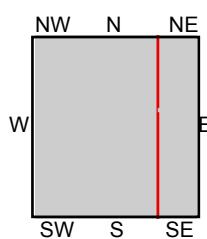
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SITE NAME: 105 South Main St
ADDRESS: 105 South Main St
MIDDLETON, MA 01949
CLIENT: Geological Field Services



This report includes information from the following map sheet(s).

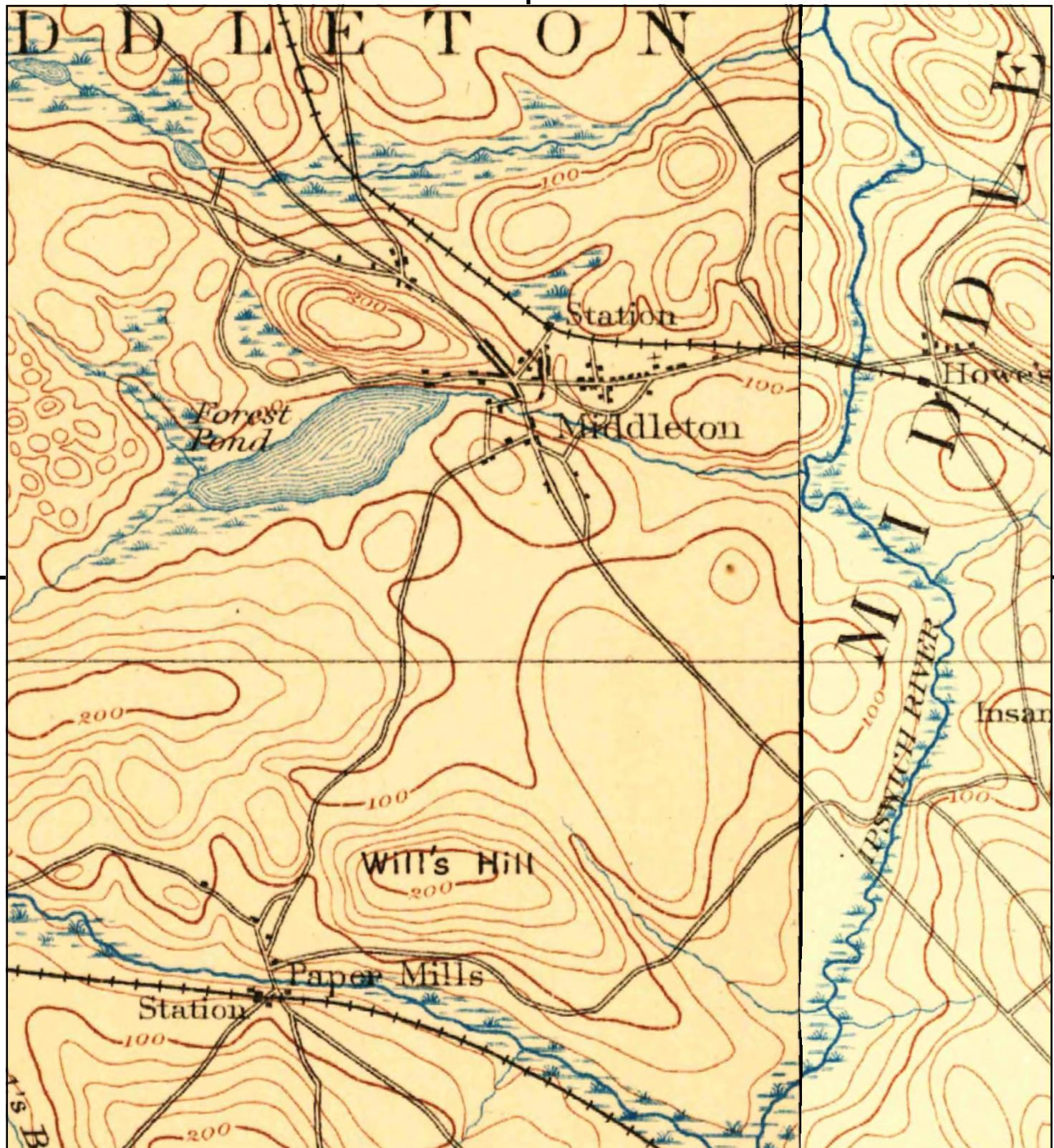
0 Miles 0.25 0.5 1 1.5



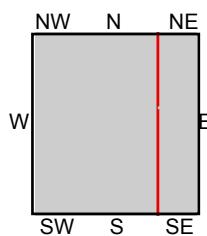
TP, Lawrence, 1893, 15-minute
E, Salem, 1893, 15-minute

SITE NAME: 105 South Main St
ADDRESS: 105 South Main St
MIDDLETON, MA 01949
CLIENT: Geological Field Services

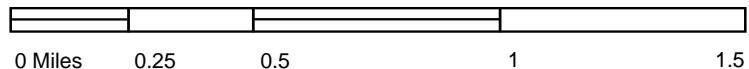




This report includes information from the following map sheet(s).



TP, Lawrence, 1888, 15-minute
E, Salem, 1888, 15-minute



SITE NAME: 105 South Main St
ADDRESS: 105 South Main St
MIDDLETON, MA 01949
CLIENT: Geological Field Services

105 South Main St

105 South Main St

MIDDLETON, MA 01949

Inquiry Number: 5532837.8

January 14, 2019

The EDR Aerial Photo Decade Package



6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

Site Name:

105 South Main St
105 South Main St
MIDDLETON, MA 01949
EDR Inquiry # 5532837.8

Client Name:

Geological Field Services
14 Hubon Street
Salem, MA 01970
Contact: Luke Fabbri



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Search Results:

| <u>Year</u> | <u>Scale</u> | <u>Details</u> | <u>Source</u> |
|-------------|--------------|----------------------------------|---------------|
| 2016 | 1"=500' | Flight Year: 2016 | USDA/NAIP |
| 2012 | 1"=500' | Flight Year: 2012 | USDA/NAIP |
| 2008 | 1"=500' | Flight Year: 2008 | USDA/NAIP |
| 1995 | 1"=500' | Acquisition Date: April 03, 1995 | USGS/DOQQ |
| 1985 | 1"=500' | Flight Date: April 17, 1985 | USDA |
| 1980 | 1"=750' | Flight Date: September 28, 1980 | USDA |
| 1978 | 1"=500' | Flight Date: April 23, 1978 | USGS |
| 1969 | 1"=500' | Flight Date: April 09, 1969 | USGS |
| 1965 | 1"=500' | Flight Date: April 06, 1965 | USGS |
| 1955 | 1"=500' | Flight Date: December 05, 1955 | USGS |
| 1952 | 1"=500' | Flight Date: October 31, 1952 | USDA |
| 1938 | 1"=500' | Flight Date: November 10, 1938 | USGS |

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INQUIRY #: 5532837.8

YEAR: 2016



= 500'



INQUIRY #: 5532837.8

YEAR: 2012



= 500'



INQUIRY #: 5532837.8

YEAR: 2008



= 500'



INQUIRY #: 5532837.8

YEAR: 1995

= 500'



Subject boundary not shown because it
exceeds image extent or image is not
georeferenced.



INQUIRY #: 5532837.8

YEAR: 1985

= 500'





INQUIRY #: 5532837.8

YEAR: 1980

= 750'





INQUIRY #: 5532837.8

YEAR: 1978



= 500'

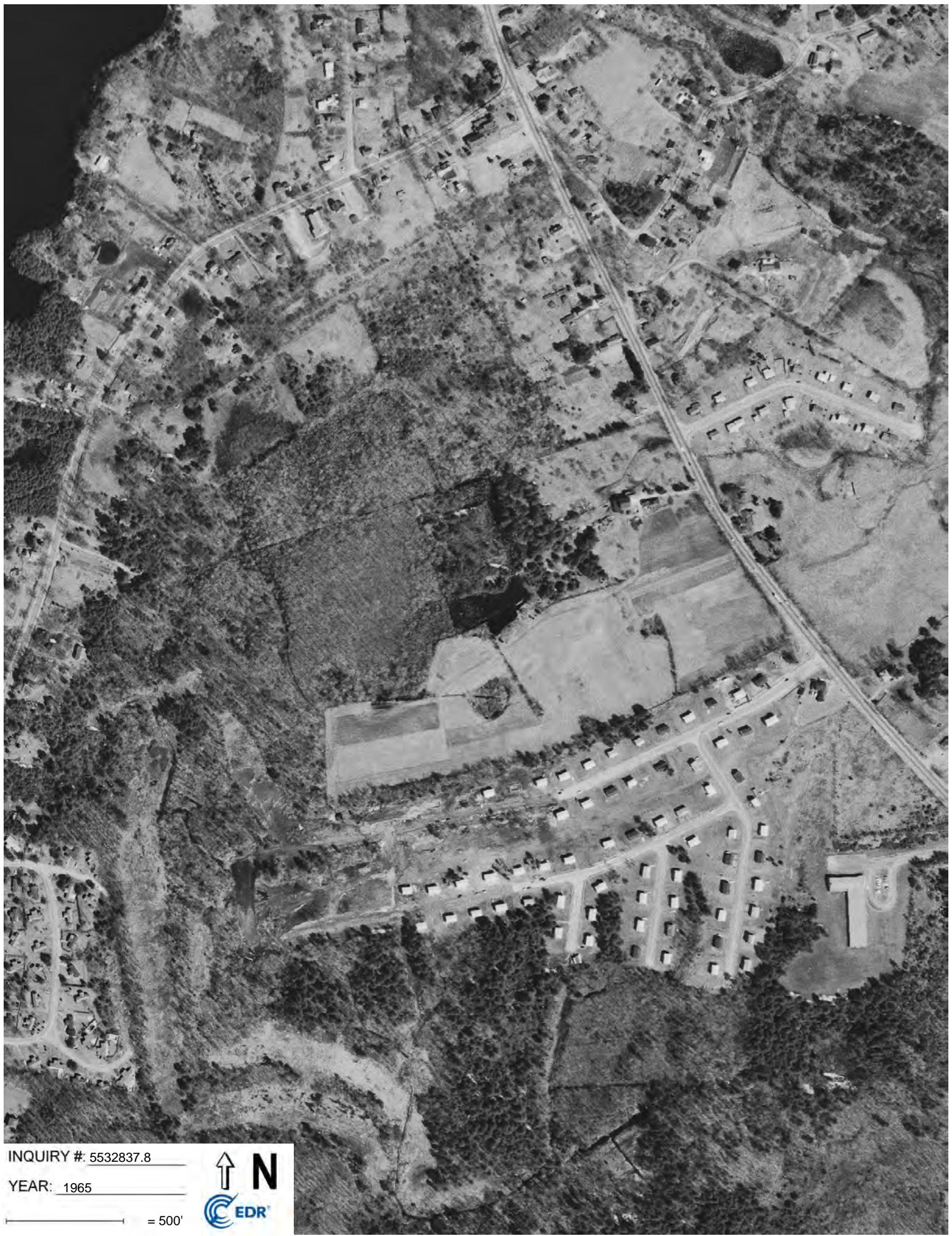


INQUIRY #: 5532837.8

YEAR: 1969



= 500'



INQUIRY #: 5532837.8

YEAR: 1965



= 500'



INQUIRY #: 5532837.8

YEAR: 1955

 = 500'





INQUIRY #: 5532837.8

YEAR: 1952



= 500'



INQUIRY #: 5532837.8

YEAR: 1938



= 500'

105 South Main St

105 South Main St

MIDDLETON, MA 01949

Inquiry Number: 5532837.5

January 15, 2019

The EDR-City Directory Image Report

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City Directory Images

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with any questions or comments.

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EXECUTIVE SUMMARY

DESCRIPTION

Environmental Data Resources, Inc.'s (EDR) City Directory Report is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's City Directory Report includes a search of available city directory data at 5 year intervals.

RECORD SOURCES

EDR's Digital Archive combines historical directory listings from sources such as Cole Information and Dun & Bradstreet. These standard sources of property information complement and enhance each other to provide a more comprehensive report.

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Data by



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RESEARCH SUMMARY

The following research sources were consulted in the preparation of this report. A check mark indicates where information was identified in the source and provided in this report.

| <u>Year</u> | <u>Target Street</u> | <u>Cross Street</u> | <u>Source</u> |
|--------------------|-------------------------------------|----------------------------|----------------------------|
| 2014 | <input checked="" type="checkbox"/> | <input type="checkbox"/> | EDR Digital Archive |
| 2010 | <input checked="" type="checkbox"/> | <input type="checkbox"/> | EDR Digital Archive |
| 2005 | <input checked="" type="checkbox"/> | <input type="checkbox"/> | EDR Digital Archive |
| 2000 | <input checked="" type="checkbox"/> | <input type="checkbox"/> | EDR Digital Archive |
| 1995 | <input checked="" type="checkbox"/> | <input type="checkbox"/> | EDR Digital Archive |
| 1992 | <input checked="" type="checkbox"/> | <input type="checkbox"/> | EDR Digital Archive |
| 1989 | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Cole Criss-Cross Directory |
| 1985 | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Cole Criss-Cross Directory |
| 1973 | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Cole Criss-Cross Directory |

FINDINGS

TARGET PROPERTY STREET

105 South Main St
MIDDLETON, MA 01949

| <u>Year</u> | <u>CD Image</u> | <u>Source</u> |
|--------------------|------------------------|----------------------|
|--------------------|------------------------|----------------------|

S MAIN ST

| | | |
|------|-------|----------------------------|
| 2014 | pg A1 | EDR Digital Archive |
| 2010 | pg A2 | EDR Digital Archive |
| 2005 | pg A3 | EDR Digital Archive |
| 2000 | pg A4 | EDR Digital Archive |
| 1995 | pg A5 | EDR Digital Archive |
| 1992 | pg A6 | EDR Digital Archive |
| 1989 | pg A7 | Cole Criss-Cross Directory |
| 1985 | pg A8 | Cole Criss-Cross Directory |
| 1973 | pg A9 | Cole Criss-Cross Directory |

FINDINGS

CROSS STREETS

No Cross Streets Identified

City Directory Images

S MAIN ST 2014

50 WHITMORE, BLANCHE E
61 MCARDLE, CHARLES J
67 HAYWARD, KEVIN P
69 DIMAURO CHIROPRACTIC
77 OCCUPANT UNKNOWN,
83 BROWN, FRANK B
92 PLATINUM ELEMENTS INC
93 FRANK, B W
94 EDWARD D JONES & CO LP
KARRIS CHARLES
95 CURRIER, DENNIS
98 JULIES ADVANCED SKIN CARE DAY
100 ALDER PARTNER LLC
KELLY, WARREN D
LINN PROPERTY LLC
MARGUERITE J ABIZAID MSW
MIDDLETON DENTAL CARE
NRH HOLDINGS
PF JONESBORO LLC
PLATINUM FITNESS INC
THOMSON COMMUNICATIONS LLC
UNLIMITED PROMOTIONS INC
VERNON PROMOTIONS
104 SALEM FIVE CENTS SAVINGS BANK
105 MIDDLETON GOLF COURSE II INC
106 HOBS PLACE
MASON & MADISON CO
108 BODYCO TRAINING FACILITY LLC
FIRM TRAINING STUDIO LLC
INVIGOR8 NRMSCULAR THERAPY LLC
NEW ENGLAND FINE LIVING
119 BEBRIN WILLIAM ORTHODONTIST
ROCKS TAVERN INC
SOL BEAN CAFE
122 ARIZZI CHIROPRACTIC OFFICE

S MAIN ST 2010

50 WHITMORE, BLANCHE E
61 MCARDLE, CHARLES J
62 GLASS, STEVEN M
63 CLINCH, CHARLES S
67 HAYWARD, KEVIN P
69 DIMAURO CHIROPRACTIC
75 ELANAS SKIN CARE
77 MCAULEY, JOHN R
WESEMANN, FRED E
79 PARKER, LAWRENCE A
84 SANCHEZ, HENRY A
92 ELEMENTS THERAPEUTIC MASS
94 EDWARD D JONES & CO LP
KARRIS CHARLES
95 CURRIER, DENNIS
96 JJS HAUTE CHOCOLAT
98 JULIES ADVANCED SKIN CARE DAY
100 INFINIMED
LINN PROPERTY LLC
MIDDLETON DENTAL CARE
NRH HOLDINGS
NRHS INC
PLATINUM FITNESS INC
T COMMUNICATIONS
UNLIMITED PROMOTIONS INC
ZIPFIT FRANCHISE GROUP
102 PERFECT IMAGE PHOTOGRAPHY
104 SALEM FIVE CENTS SAVINGS BANK
105 MIDDLETON GOLF COURSE II INC
106 HOBS PLACE
108 BODYCO TRAINING FACILITY LLC
FIRM TRAINING STUDIO LLC
NEW ENGLAND FINE LIVING
119 BEBRIN WILLIAM DMD
BEBRIN, WILLIAM
122 ARIZZI CHIROPRACTIC OFFICE

S MAIN ST 2005

50 WHITMORE, BLANCHE E
63 CLINCH, CHUCK S
67 HAYWARD, BJ J
68 MCARDLE, CHARLES J
69 MIDDLETON CHIROPRACTIC
75 ELANAS SKIN CARE
77 MCAULEY, JOHN R
WESEMANN, FRDERICK E
78 KRULL, ROBERT W
79 TRICCA, PHILLIP B
84 GARNHAM, JAMES M
SANCHEZ, HENRY A
93 JOHNSON, PETER
100 HOBS PLACE
MURPHY, J
119 FRESH GRIND ESPRESSO CAFE
GAVENS
120 SURGICAL TABLES INC
122 KESSLER JONATHAN P LICSW
KESSLER, JONATHAN

S MAIN ST 2000

50 WHITMORE, BENJ
63 CLINCH, CHARLES S
67 HAYWARD, W R
68 MCARDLE, CHARLES J
69 MIDDLETON CHIROPRACTIC
75 KIRWAN, T
LEE, DONALD J
STANTON, ELLEN
77 LEMIEUX, SADIE
MCAULEY, JOHN E
RILEY, RICHARD M
79 TRICCA, J
83 GOWEN, M L
84 GARNHAM, MARSHA
93 JOHNSON, PETER
100 ANDERSON CHRISTAIN PHOTOGRAPHY
ANDERSON, C
FOSTER, SHARON
105 MIDDLETON GOLF COURSE II INC
122 PELLEGRINO, MICHAEL K

S MAIN ST 1995

44 MICHALSKI, EDW
50 WHITMORE, BENJ F
63 CLINCH, CHAS S, JR
67 HAYWARD, W R & B J
68 MCARDLE, CHAS J
69 AUGE, JAS & PATRICIA
75 DALE, DAVID & MARIA
KIRWAN, T
77 LEMIEUX, SADIE
MCAULEY, JOHN E & YVONNE
78 HURD, ROBT
79 TRICCA, STEVEN A & JANET B
83 GOWEN, ROBT G
84 GARNHAM, MARSHA
93 JOHNSON, PETER
100 DANIELS, WM A
DONNELLY, CHAS H
RUEGER, DAVID
119 119 SOUTH MAIN ST REALTY

S MAIN ST 1992

44 MICHALSKI, EDW
50 WHITMORE, BENJ F
63 CLINCH, CHAS S, JR
67 HAYWARD, W R & B J
68 MCARDLE, CHAS J
69 AUGE, JAS & PATRICIA
75 DALE, DAVID & MARIA
KIRWAN, T
77 LEMIEUX, SADIE
MCAULEY, JOHN E & YVONNE
78 HURD, ROBT
79 TRICCA, STEVEN A & JANET B
83 GOWEN, ROBT G
84 GARNHAM, MARSHA
93 JOHNSON, PETER
100 ALLEN, JOHN
DANIELS, WM A
DONNELLY, CHAS H
SHERMAN, A M
122 NORTHEAST INSPECTION SERVICE
RALSTON, WALLACE C, JR

S MAIN ST 1989

| LE'S PAGE 123 | |
|-------------------------|-------------|
| 39★ US Post Office | 774-1808 |
| 40 John M Cryan | 63 774-4962 |
| 42 Phyllis Devaney | 76 774-7831 |
| 44 Edward Michalski | 80 777-3860 |
| 49 James Stephen | 86 774-8893 |
| 50 Benj F Whitmore | 64 774-9180 |
| 63 Chas S Clinch Jr | - 774-3974 |
| 67 W R Hayward | 85 774-5154 |
| 69 James Auge | 80 777-1849 |
| 75 David Dale | 84 777-6556 |
| T Kirwan | 84 777-2635 |
| ★ SMR Evaluations | 84 774-1852 |
| 77 Sadie Lemieux | 84 774-1482 |
| John E McAuley | - 777-2642 |
| 78 Robert Hurd | 63 774-4577 |
| 79 Steven A Tricca | - 777-1375 |
| 83 Robert G Gowen | 63 774-4170 |
| 84 Joanne M Garnham | 87 774-7290 |
| Marsha Garnham | 87 777-2710 |
| 93 Peter Johnson | 64 774-1073 |
| 100 John Allen | □ 777-1151 |
| William A Daniels | 79 774-1305 |
| A M Sherman | □ 777-1151 |
| B M Wood | 79 774-7818 |
| 119★ Daniel FIr Hse | 74 774-4236 |
| 122 Wallace C Ralston | 86 777-8074 |
| Wallace C Ralston | 86 777-8152 |
| 132 | NP |
| 143★ St Soc Ser Reg | - 777-4420 |
| 146★ Antech Pool Supply | 774-8400 |
| 148★ Garden Cty Sht Mtl | 85 777-6182 |
| ★ Richdale Dairy Str | 774-9732 |
| 149 | NP |
| 150★ Walrus Cleaners | 87 774-1134 |
| 151 William Mugford | 79 774-0262 |
| 152★ Yankee Gas&Oil Co | 85 774-1621 |
| ★ Yankee Gas&Oil Co | 85 774-2760 |
| 156★ Kitchen Window | 80 774-6865 |
| ★ Richardson Dairies | 774-5450 |
| ★ Ronco Machine | 82 777-4342 |
| ★ Tren Engnrg Corp | □ 774-3557 |
| REAR★ Cunningham Engrg | 81 774-4169 |
| 161★ Amer Sweeping Co | □ 777-5770 |
| ★ Counterprodctns | □ 777-9898 |
| ★ Draft-Tek | 87 777-8388 |
| ★ S Gilfillen Archtc | □ 777-7978 |
| ★ Health Care Rsrc | □ 774-2101 |
| ★ Hooven Metal Treat | 83 774-5852 |
| ★ Northwood Leasing | 87 774-8080 |
| ★ Prescription Turf | - 777-1663 |
| ★ Pscrptn Turf Srvc | - 777-5718 |
| ★ Resource Connctn | □ 777-9333 |
| ★ Wakefld Svngs Bank | 87 774-8422 |
| ★ Wayside Cmprtmtnts | □ 774-2150 |
| 165 Frank R Twiss | 63 774-5839 |
| 166 | NP |
| 169 T P Chouinard | 86 777-8215 |
| David J Lemieux | 74 774-2592 |
| 170 | NP |
| 171 Stephen Morris | 86 774-0546 |
| 177 | NP |
| 179 Alfred L Digiocomo | 63 777-0796 |
| 181 Manuel J Sabino | 63 774-9655 |
| 185 L M Hinson | - 777-9478 |
| 189 Gene Ragosta | 84 777-3379 |
| 191★ Modern Millworks | 84 774-4966 |
| ★ Modern Millwork | 84 233-4191 |
| 194★ Everett Pattern | 85 777-4575 |
| 205★ Jemp Marc Lawn | 777-0899 |
| ★ Jemp Marc Security | 76 777-0899 |
| 206★ Aster Engineering | 80 592-0910 |
| 211★ Amer Mechanical | □ 777-8687 |
| ★ 114 Supply | □ 777-8688 |
| 212★ Columbia Equipment | 83 774-8674 |
| ★ US Made Co | 87 777-8383 |
| Woodmate Inc | 84 774-8497 |
| W C Boudreault | 85 774-8000 |

S MAIN ST 1985

| | |
|-------------------------|-------------|
| ● MAIN ST S | 01949 |
| Begins Central Sq | |
| Stops Danvers Line | |
| Middleton | |
| 025460 | |
| 1 L M Gianni | 79 777-0287 |
| 20★ Middlton Hsg Athry | 774-4333 |
| 21★ Middlettn Bttd Lq | ii 777-4433 |
| 30 Carl Hero | 82 774-8503 |
| J Muzichuk | ii 777-3867 |
| Carolyn J Terry | 77 774-0458 |
| 32 Mrs B L Morin | 63 774-5454 |
| D W Smith | ii 774-3138 |
| 39★ Arlington Trst Co | 774-1601 |
| 40 John M Cryan | 63 774-4962 |
| 42 Phyllis Devaney | 76 774-7831 |
| 44 Edward Michalski | 80 777-3860 |
| 50 Benj F Whitmore | 64 774-9180 |
| 63 C S Clinch Jr | 63 774-3974 |
| 67 N A Hayward Jr | 63 774-5154 |
| 69 James Auge | 80 777-1849 |
| 75 David Dale | ii 777-6556 |
| T Kirwan | ii 777-2635 |
| ★ Smr Evaluations | 774-1852 |
| 77 Sadie Lemieux | ii 774-1482 |
| John E McAuley | - 777-2642 |
| 78 Robert Hurd | 63 774-4577 |
| 79 Frank B W Brown | 76 774-3608 |
| 83 Robert G Gowen | 63 774-4170 |
| 84 James M Garham | 75 777-2710 |
| 93 Peter Johnson | 64 774-1073 |
| 100 William A Daniels | 79 774-1305 |
| C J Kearley | 82 777-5054 |
| B M Wood | 79 774-7818 |
| E L Woods Jr | 82 777-5054 |
| 122 H M Richardson | 63 774-5776 |
| 132 V Prince | ii 774-3425 |
| 146★ Antech Pool Supply | 774-8400 |
| 148★ Richdale Dairy Str | 774-9732 |
| 149 H E James | 80 774-7287 |
| 151 William Mugford | 79 774-0262 |
| 152★ Tilton Co | ii 777-0513 |
| ★ Yankee Btl Gas Svc | 774-2760 |
| ★ The Yankee System | ii 774-1621 |
| ★ The Yankee System | ii 774-2760 |
| ★ Yankee Bttd Gas | ii 774-2760 |
| 156★ Andon Machine Work | 774-3557 |
| ★ Cunningham Engrg | 774-4169 |
| ★ Richardson Dairies | 774-5450 |
| ★ Ronco Machine | 777-4342 |
| 161★ Brookside Devlpmt | ii 777-5770 |
| ★ Hoover Metal Treat | 774-5852 |
| ★ J&K Municipal Sr | 774-6682 |
| 165 Frank R Twiss | 63 774-5839 |
| 166 James E Lobb | 83 777-5195 |
| 169 Thomas Giolito | 81 774-4812 |
| David J Lemieux | 74 774-2592 |
| C Lewis | ii 777-6441 |
| 170 Stephen Lobb | 83 777-5827 |
| 177 Roland A Lemieux | 75 774-5388 |
| 179 Alfred L Digiocomo | 63 777-0796 |
| 181 Manuel J Sabino | 63 774-9655 |
| 185 Lennart Wennerberg | 64 774-1570 |
| 189 Gene Ragosta | ii 777-3379 |
| 191★ Constructn Classic | 774-3248 |
| ★ Constructn Classic | 233-5756 |
| ★ Modern Millwork | ii 233-4191 |
| ★ Modern Millworks | ii 774-4966 |
| 205★ Jemp Marc Lawn | 777-0899 |
| ★ Jemp Marc Security | 777-0899 |
| 206★ Aster Engineering | 592-0910 |
| 207★ IDM Consultants | 774-5711 |
| W A Lancaster | 76 777-2059 |
| 212★ Alzmann Assoc | 774-4076 |
| ★ Assoc Tech Srvc | ii 774-6556 |
| ★ Columbia Equipment | 774-8674 |
| ★ D M Semiconductors | 777-5300 |
| ★ Woodmate Inc | 774-8497 |
| 219★ J Farmer&Co Inc | 774-2933 |
| ★ Prescription Turf | 777-1663 |
| W C Rundlett Jr | 83 774-4992 |
| W C Rundlett III | 72 774-9298 |
| 221★ Allstate Insurance | 777-3705 |
| ★ Allstate Ins Co | 531-1400 |
| ★ Dr Jeff Bauer | 774-6642 |
| ★ No Shore Dental | 774-6642 |
| ★ Pepperidge Farm | 774-6360 |
| 226★ Middleton Hs of Pz | 777-4777 |
| 233★ Daileys Rest&Pub | 774-7076 |
| 234★ Douglas Motors Inc | 777-3228 |
| ★ Jartran Truck Rent | 777-3228 |

S MAIN ST 1973

| 60 RESIDENCE | | 31 BUSINESS |
|--------------|---------------------|-------------|
| MAIN ST S | | MIDDLETN |
| | | |
| 2 | GEORGE C BISHOP | 2 7746756 |
| 3 | EDWARD J BESSOM | 2 7743268 |
| 20* | MIDDLETON HSNG ATHR | 7744333 |
| 21* | MIDDLETON SQ PCKGE | 7742587 |
| 29* | EDS SUNOCO SERVICE | 7749747 |
| 30 | CHARLES C FARRELLO | 7747089 |
| | WM L KEATING JR | 0 7749476 |
| 32 | MRS B L MORIN | 7745454 |
| | D W SMITH | 7743138 |
| 39* | ARLINGTON TRUST | 7741601 |
| 40 | JOHN M CRYAN | 7744962 |
| 44 | JOHN C WALMER | 2 7749227 |
| 50 | BENJ F WHITMORE | 7749180 |
| 53 | | NP |
| 62 | LLOYD W JEWETT JR | 1 7770234 |
| 63 | CHAS S CLINCH JR | 7743974 |
| 67 | N A HAYWARD JR | 7745154 |
| 69 | IRVING G ADAMS | 7740197 |
| 75 | ROBERT AUSTIN | - 7748853 |
| 78 | ROBERT HURD | 7744577 |
| 83 | FRANK B W BROWN | 0 7743608 |
| | ROBERT G GOWEN | 7744170 |
| 84 | WILFRED P LEVESQUE | 9 7748573 |
| 85 | | NP |
| 93 | PETER JOHNSON | 7741073 |
| 100 | WILLIAM R BLAIR | 1 7747219 |
| | LOUIS R DOYLE | 7749019 |
| | SHERMAN R HALLADAY | 2 7740476 |
| | P Y RENAUD | 2 7743117 |
| 119* | DANIEL RESTAURANT | 7744236 |
| 122 | H M RICHARDSON | 7745776 |
| 132 | MICHAEL R KILROY | 2 7747543 |
| 145 | | NP |
| 148* | ANTECH POOL SUPPLY | 7748400 |
| | *RT 114 SUPER MKT | 2 7745015 |
| 149 | DOROTHY M MUGFORD | 7745996 |
| 150* | CLEN N WASH CENTER | 7749741 |
| 152* | YANKEE GAS SERV | 7742760 |
| | *YANKEE HTG&OIL CO | 7741621 |
| 156* | RICHARDSON DAIRIES | 7745450 |
| | *W A TOMPKINS CO IN | 7744106 |
| | *WATCO | 7744106 |
| 157 | | NP |
| 161 | ARLAND B JAMES | 2 7741101 |
| 163 | RICHARD J WHITE | 7745894 |
| 164 | | NP |
| 165 | FRANK R TWISS | 7745839 |
| 166 | DANIEL F HAMILTON | 2 7740856 |
| 169 | ROLAND A LEMIEUX | 2 7771340 |
| 170 | EMILY SYLVESTER | 2 7744563 |

APPENDIX D

| PWS ID | PWS Name | Town | Class | Contaminant Group | Chemical Name | Collected Date | Raw or Finished | Result | Location Name | Method | Detection Limit |
|---------|--------------------------------|-----------|-------|-------------------|--------------------|----------------|-----------------|--------|---------------------|---------------|-----------------|
| 3184004 | MIDDLETON GOLF COURSE II, INC. | MIDDLETON | NC | NITRAT | NITRATE | 08/31/1993 | F | 0.04 | MIDDLETON GOLF WELL | 353.3 | 1.00000000 |
| 3184004 | MIDDLETON GOLF COURSE II, INC. | MIDDLETON | NC | VOC | 1,1-DICHLOROETHANE | 08/31/1993 | F | 3.6 | MIDDLETON GOLF WELL | EPA 524.2 | 0.50000000 |
| 3184004 | MIDDLETON GOLF COURSE II, INC. | MIDDLETON | NC | INORG | SODIUM | 08/31/1993 | F | 10.4 | KITCHEN | 273.1 | 0.60000000 |
| 3184004 | MIDDLETON GOLF COURSE II, INC. | MIDDLETON | NC | NITRAT | NITRATE | 09/28/1994 | F | 0 | MIDDLETON GOLF WELL | EPA 353.2 | 0.10000000 |
| 3184004 | MIDDLETON GOLF COURSE II, INC. | MIDDLETON | NC | NITRAT | NITRATE | 09/30/1995 | F | 0 | MIDDLETON GOLF WELL | EPA 300.0 | 1.00000000 |
| 3184004 | MIDDLETON GOLF COURSE II, INC. | MIDDLETON | NC | VOC | 1,1-DICHLOROETHANE | 10/26/1995 | F | 0.002 | MIDDLETON GOLF WELL | EPA 502.2 | 0.50000000 |
| 3184004 | MIDDLETON GOLF COURSE II, INC. | MIDDLETON | NC | NITRAT | NITRATE | 07/02/1996 | F | 0 | MIDDLETON GOLF WELL | EPA 300.0 | 0.10000000 |
| 3184004 | MIDDLETON GOLF COURSE II, INC. | MIDDLETON | NC | SODIUM | SODIUM | 07/02/1996 | F | 10.1 | MIDDLETON GOLF WELL | SM 311B | 0.64000000 |
| 3184004 | MIDDLETON GOLF COURSE II, INC. | MIDDLETON | NC | NITRAT | NITRATE | 08/29/1997 | F | 0.04 | MIDDLETON GOLF WELL | SM 4500-N03-E | 0.04000000 |
| 3184004 | MIDDLETON GOLF COURSE II, INC. | MIDDLETON | NC | NITRIT | NITRITE | 08/29/1997 | F | 0 | MIDDLETON GOLF WELL | SM 4500-N03-E | 0.02000000 |
| 3184004 | MIDDLETON GOLF COURSE II, INC. | MIDDLETON | NC | NITRAT | NITRATE | 09/23/1997 | F | 0.04 | MIDDLETON GOLF WELL | SM 4500-N03-E | 0.04000000 |
| 3184004 | MIDDLETON GOLF COURSE II, INC. | MIDDLETON | NC | NITRIT | NITRITE | 09/23/1997 | F | 0 | MIDDLETON GOLF WELL | SM 4500-N03-E | 0.02000000 |
| 3184004 | MIDDLETON GOLF COURSE II, INC. | MIDDLETON | NC | SODIUM | SODIUM | 05/06/1998 | F | 10.3 | MIDDLETON GOLF WELL | EPA 200.7 | 0.20000000 |
| 3184004 | MIDDLETON GOLF COURSE II, INC. | MIDDLETON | NC | NITRAT | NITRATE | 11/23/1998 | F | 0.01 | MIDDLETON GOLF WELL | SM 4500-N03-E | 0.00400000 |
| 3184004 | MIDDLETON GOLF COURSE II, INC. | MIDDLETON | NC | SODIUM | SODIUM | 07/28/1999 | F | 10.6 | MIDDLETON GOLF WELL | SM 311B | 1.00000000 |
| 3184004 | MIDDLETON GOLF COURSE II, INC. | MIDDLETON | NC | NITRAT | NITRATE | 09/20/2000 | F | 0 | MIDDLETON GOLF WELL | EPA 300.0 | 0.02000000 |
| 3184004 | MIDDLETON GOLF COURSE II, INC. | MIDDLETON | NC | NITRIT | NITRITE | 09/20/2000 | F | 0.05 | MIDDLETON GOLF WELL | EPA 300.0 | 0.01000000 |
| 3184004 | MIDDLETON GOLF COURSE II, INC. | MIDDLETON | NC | NITRIT | NITRITE | 07/19/2001 | F | 0 | MIDDLETON GOLF WELL | EPA 300.0 | 0.01000000 |
| 3184004 | MIDDLETON GOLF COURSE II, INC. | MIDDLETON | NC | NITRAT | NITRATE | 07/19/2001 | F | 0.1 | MIDDLETON GOLF WELL | EPA 300.0 | 0.02000000 |
| 3184004 | MIDDLETON GOLF COURSE II, INC. | MIDDLETON | NC | NITRAT | NITRATE | 07/25/2002 | F | 0.04 | MIDDLETON GOLF WELL | EPA 300.0 | 0.02000000 |
| 3184004 | MIDDLETON GOLF COURSE II, INC. | MIDDLETON | NC | NITRIT | NITRITE | 07/25/2002 | F | 0.02 | MIDDLETON GOLF WELL | EPA 300.0 | 0.01000000 |
| 3184004 | MIDDLETON GOLF COURSE II, INC. | MIDDLETON | NC | SODIUM | SODIUM | 08/29/2002 | F | 18.6 | MIDDLETON GOLF WELL | SM 311B | 1.00000000 |
| 3184004 | MIDDLETON GOLF COURSE II, INC. | MIDDLETON | NC | NITRAT | NITRATE | 07/16/2003 | F | 0 | MIDDLETON GOLF WELL | EPA 300.0 | 0.02000000 |
| 3184004 | MIDDLETON GOLF COURSE II, INC. | MIDDLETON | NC | NITRIT | NITRITE | 07/16/2003 | F | 0 | MIDDLETON GOLF WELL | EPA 300.0 | 0.01000000 |
| 3184004 | MIDDLETON GOLF COURSE II, INC. | MIDDLETON | NC | NITRAT | NITRATE | 12/07/2004 | F | 2.58 | MIDDLETON GOLF WELL | EPA 300.0 | 1.00000000 |
| 3184004 | MIDDLETON GOLF COURSE II, INC. | MIDDLETON | NC | NITRAT | NITRATE | 09/21/2005 | F | 0 | MIDDLETON GOLF WELL | EPA 300.0 | 0.02000000 |
| 3184004 | MIDDLETON GOLF COURSE II, INC. | MIDDLETON | NC | SODIUM | SODIUM | 09/21/2005 | F | 10.4 | MIDDLETON GOLF WELL | SM 311B | 1.00000000 |
| 3184004 | MIDDLETON GOLF COURSE II, INC. | MIDDLETON | NC | NITRIT | NITRITE | 01/17/2007 | F | 0 | MIDDLETON GOLF WELL | SM 4500-N03-F | 0.01000000 |
| 3184004 | MIDDLETON GOLF COURSE II, INC. | MIDDLETON | NC | NITRAT | NITRATE | 01/17/2007 | F | 0 | MIDDLETON GOLF WELL | SM 4500-N03-F | 0.10000000 |
| 3184004 | MIDDLETON GOLF COURSE II, INC. | MIDDLETON | NC | NITRAT | NITRATE | 11/13/2007 | F | 0 | MIDDLETON GOLF WELL | SM 4500-N03-F | 0.10000000 |
| 3184004 | MIDDLETON GOLF COURSE II, INC. | MIDDLETON | NC | SODIUM | SODIUM | 07/29/2008 | F | 9.8 | MIDDLETON GOLF WELL | EPA 200.7 | 0.05000000 |
| 3184004 | MIDDLETON GOLF COURSE II, INC. | MIDDLETON | NC | NITRIT | NITRITE | 07/29/2008 | F | 0 | MIDDLETON GOLF WELL | SM 4500-N03-F | 0.01000000 |
| 3184004 | MIDDLETON GOLF COURSE II, INC. | MIDDLETON | NC | NITRIT | NITRITE | 08/25/2009 | F | 0 | MIDDLETON GOLF WELL | SM 4500-N03-F | 0.01000000 |
| 3184004 | MIDDLETON GOLF COURSE II, INC. | MIDDLETON | NC | NITRAT | NITRATE | 09/22/2010 | F | 0 | MIDDLETON GOLF WELL | SM 4500-N03-F | 0.10000000 |
| 3184004 | MIDDLETON GOLF COURSE II, INC. | MIDDLETON | NC | INORG | SODIUM | 08/30/2011 | F | 10 | KITCHEN | EPA 200.7 | 1.00000000 |
| 3184004 | MIDDLETON GOLF COURSE II, INC. | MIDDLETON | NC | NITRAT | NITRATE | 08/30/2011 | F | 0 | MIDDLETON GOLF WELL | SM 4500-N03-F | 0.10000000 |
| 3184004 | MIDDLETON GOLF COURSE II, INC. | MIDDLETON | NC | SODIUM | SODIUM | 08/30/2011 | F | 10 | MIDDLETON GOLF WELL | EPA 200.7 | 1.00000000 |
| 3184004 | MIDDLETON GOLF COURSE II, INC. | MIDDLETON | NC | NITRIT | NITRITE | 08/30/2012 | F | 0 | MIDDLETON GOLF WELL | SM 4500-N03-F | 0.01000000 |
| 3184004 | MIDDLETON GOLF COURSE II, INC. | MIDDLETON | NC | NITRAT | NITRATE | 08/30/2012 | F | 0 | MIDDLETON GOLF WELL | SM 4500-N03-F | 0.05000000 |
| 3184004 | MIDDLETON GOLF COURSE II, INC. | MIDDLETON | NC | NITRAT | NITRATE | 08/27/2013 | F | 0 | MIDDLETON GOLF WELL | SM 4500-N03-F | 0.05000000 |
| 3184004 | MIDDLETON GOLF COURSE II, INC. | MIDDLETON | NC | SECCON | MANGANESE | 09/23/2014 | F | 0.11 | MIDDLETON GOLF WELL | EPA 200.7 | 0.02000000 |
| 3184004 | MIDDLETON GOLF COURSE II, INC. | MIDDLETON | NC | SODIUM | SODIUM | 09/23/2014 | F | 11 | MIDDLETON GOLF WELL | EPA 200.7 | 1.00000000 |
| 3184004 | MIDDLETON GOLF COURSE II, INC. | MIDDLETON | NC | SECCON | MANGANESE | 11/25/2014 | F | 0.12 | MIDDLETON GOLF WELL | EPA 200.7 | 0.02000000 |
| 3184004 | MIDDLETON GOLF COURSE II, INC. | MIDDLETON | NC | SECCON | MANGANESE | 12/22/2014 | F | 0.14 | MIDDLETON GOLF WELL | EPA 200.7 | 0.02000000 |
| 3184004 | MIDDLETON GOLF COURSE II, INC. | MIDDLETON | NC | SECCON | MANGANESE | 01/29/2015 | F | 0.11 | MIDDLETON GOLF WELL | EPA 200.7 | 0.02000000 |
| 3184004 | MIDDLETON GOLF COURSE II, INC. | MIDDLETON | NC | SECCON | MANGANESE | 04/20/2015 | F | 0.096 | MIDDLETON GOLF WELL | EPA 200.7 | 0.02000000 |
| 3184004 | MIDDLETON GOLF COURSE II, INC. | MIDDLETON | NC | NITRAT | NITRATE | 09/22/2015 | F | 0.083 | MIDDLETON GOLF WELL | SM 4500-N03-F | 0.05000000 |
| 3184004 | MIDDLETON GOLF COURSE II, INC. | MIDDLETON | NC | NITRIT | NITRITE | 09/22/2015 | F | 0 | MIDDLETON GOLF WELL | SM 4500-N03-F | 0.01000000 |
| 3184004 | MIDDLETON GOLF COURSE II, INC. | MIDDLETON | NC | SECCON | MANGANESE | 09/22/2015 | F | 0.1 | MIDDLETON GOLF WELL | EPA 200.8 | 0.00100000 |
| 3184004 | MIDDLETON GOLF COURSE II, INC. | MIDDLETON | NC | NITRAT | NITRATE | 10/04/2016 | F | 0 | MIDDLETON GOLF WELL | SM 4500-N03-F | 0.05000000 |
| 3184004 | MIDDLETON GOLF COURSE II, INC. | MIDDLETON | NC | NITRAT | NITRATE | 02/15/2017 | F | 7.6 | MIDDLETON GOLF WELL | SM 4500-N03-F | 0.05000000 |
| 3184004 | MIDDLETON GOLF COURSE II, INC. | MIDDLETON | NC | INORG | SODIUM | 09/28/2017 | F | 11.9 | KITCHEN | EPA 200.7 | 1.02000000 |
| 3184004 | MIDDLETON GOLF COURSE II, INC. | MIDDLETON | NC | NITRIT | NITRITE | 09/25/2018 | F | 0 | MIDDLETON GOLF WELL | SM 4500-N03-F | 0.01000000 |
| 3184004 | MIDDLETON GOLF COURSE II, INC. | MIDDLETON | NC | NITRAT | NITRATE | 09/25/2018 | F | 0 | MIDDLETON GOLF WELL | SM 4500-N03-F | 0.05000000 |

| RTN | City/Town | Release Address | Site Name | Location | Aid | Reporting Category | Notification Date | Compliance Status | Date | Phase | RAO Class | Chemical Type |
|-----------|-----------|------------------------------|--|----------|-----|--------------------|-------------------|-------------------|------------|-----------|-----------|----------------------------|
| 3-0018425 | MIDDLETON | 1 BIRCH RD | PAVEMENTS INC | | | 72 HR | 06/18/1999 | RAO | 01/23/2003 | PHASE III | A2 | Hazardous Material |
| 3-0010729 | MIDDLETON | 1 BIRCH RD | PAVEMENTS INC | | | TWO HR | 03/23/1994 | RAO | 03/27/1995 | | A2 | Oil |
| 3-0032538 | MIDDLETON | 1 KENNEY ROAD | RESIDENCE | | | 120 DY | 10/30/2014 | PSNC | 07/07/2016 | PHASE II | PN | Oil and Hazardous Material |
| 3-0013810 | MIDDLETON | 11 RIVER ST | INTERSECTION WITH SOUTH MAIN ST | | | 120 DY | 05/22/1996 | RAO | 09/26/1996 | | A1 | Oil |
| 3-0025533 | MIDDLETON | 111 FUNT FARM RD | NO 2 FUEL OIL RELEASE | | | TWO HR | 01/02/2006 | RAO | 03/07/2006 | | A2 | Oil |
| 3-0015559 | MIDDLETON | 131 EAST ST | RUPCHINUCK LANDFILL | | | TWO HR | 09/19/1997 | RAO | 11/10/2000 | | A1 | Hazardous Material |
| 3-0014434 | MIDDLETON | 145 EAST ST | NO LOCATION AID | | | TWO HR | 10/26/1996 | RAO | 01/02/1997 | | A1 | Oil |
| 3-0022230 | MIDDLETON | 15 OLD FOREST ST | NO LOCATION AID | | | TWO HR | 10/20/2002 | RAO | 02/18/2003 | | A2 | Oil |
| 3-0023263 | MIDDLETON | 152 SOUTH MAIN ST | RICHARDSON'S DAIRY | | | TWO HR | 10/11/2003 | RAO | 12/19/2003 | | A1 | Hazardous Material |
| 3-0020893 | MIDDLETON | 171 NORTH MAIN ST | NO LOCATION AID | | | TWO HR | 07/10/2001 | RAO | 03/09/2007 | PHASE II | A2 | Hazardous Material |
| 3-0028029 | MIDDLETON | 196-206 SOUTH MAIN ST | NO LOCATION AID | | | 72 HR | 09/29/2008 | RAO | 10/07/2009 | | A2 | Oil |
| 3-0011914 | MIDDLETON | 196-206 SOUTH MAIN ST | NO LOCATION AID | | | 120 DY | 10/12/1994 | RAO | 01/05/2000 | PHASE II | A2 | Oil |
| 3-0023486 | MIDDLETON | 2 OGDEN LN | NO LOCATION AID | | | TWO HR | 01/06/2004 | RAO | 05/28/2004 | | A2 | Oil |
| 3-0032116 | MIDDLETON | 20 MANNING AVENUE | ESSEX COUNTY JAIL | | | 72 HR | 05/15/2014 | PSNC | 12/14/2018 | PHASE II | PN | Oil and Hazardous Material |
| 3-0022691 | MIDDLETON | 206 SOUTH MAIN ST | MIDDLETON PIPELINE | | | TWO HR | 03/24/2003 | RAO | 05/21/2003 | | A1 | Oil |
| 3-0014481 | MIDDLETON | 206 SOUTH MAIN ST | NO LOCATION AID | | | 120 DY | 12/17/1996 | RAO | 01/05/2000 | PHASE II | | Oil |
| 3-0013235 | MIDDLETON | 211 BOSTON RD | NO LOCATION AID | | | TWO HR | 12/07/1995 | RAO | 01/30/1996 | | B1 | Hazardous Material |
| 3-0028149 | MIDDLETON | 211 BOSTON ST | BOSTIK FACILITY | | | TWO HR | 11/17/2008 | RAO | 03/17/2009 | | A2 | Oil and Hazardous Material |
| 3-0028145 | MIDDLETON | 211 BOSTON ST | BOSTIK FACILITY | | | TWO HR | 11/17/2008 | RAO | 03/17/2009 | | A2 | Oil |
| 3-0020839 | MIDDLETON | 211 BOSTON ST | BOSTIK FINDLEY INC | | | TWO HR | 06/24/2001 | RAO | 08/27/2001 | | A1 | Oil |
| 3-0019687 | MIDDLETON | 211 BOSTON ST | BUILDING 5 TRANSFORMER | | | TWO HR | 07/05/2000 | RAO | 10/18/2000 | | A1 | Oil |
| 3-0019483 | MIDDLETON | 211 BOSTON ST | BOSTIK INC | | | TWO HR | 04/26/2000 | RAO | 06/27/2000 | | B1 | Hazardous Material |
| 3-0018769 | MIDDLETON | 211 BOSTON ST | BOSTIK BUILDING 5 | | | TWO HR | 09/20/1999 | RAO | 01/25/2000 | | A1 | Oil |
| 3-0017755 | MIDDLETON | 211 BOSTON ST | NO LOCATION AID | | | 72 HR | 12/21/1998 | RTN CLOSED | 03/27/2000 | | | Oil |
| 3-0017744 | MIDDLETON | 211 BOSTON ST | BLDG 29 | | | 72 HR | 12/17/1998 | RAO | 04/23/1999 | | A1 | Oil |
| 3-0017562 | MIDDLETON | 211 BOSTON ST | METAL RECYCLING CAGE ADJ TO BLDG 5 | | | TWO HR | 11/12/1998 | RAO | 01/11/1999 | | A1 | Oil |
| 3-0016954 | MIDDLETON | 211 BOSTON ST | BOSTIK INC | | | TWO HR | 06/19/1998 | RAO | 08/24/1998 | | A1 | Hazardous Material |
| 3-0016100 | MIDDLETON | 211 BOSTON ST | BOSTIK | | | TWO HR | 10/14/1997 | RAO | 12/19/1997 | | A1 | Oil |
| 3-0013148 | MIDDLETON | 211 BOSTON ST | NO LOCATION AID | | | TWO HR | 11/15/1995 | RAO | 12/21/1995 | | B1 | Oil |
| 3-0014494 | MIDDLETON | 211 BOSTON ST | BOSTIK DIVISION | | | NONE | 01/15/1987 | RAO | 12/21/2011 | | A3 | Oil |
| 3-0032398 | MIDDLETON | 211 BOSTON STREET | FORMER ADMINISTRATIVE BLDG (BLDG 28) | | | 120 DY | 08/21/2014 | PSNC | 01/07/2015 | | PN | |
| 3-0029925 | MIDDLETON | 211 BOSTON STREET | HYDRAULIC OIL IN PARKING LOT | | | TWO HR | 04/11/2011 | RAO | 06/10/2011 | | A2 | Oil |
| 3-0029862 | MIDDLETON | 211 BOSTON STREET | BOSTIK | | | TWO HR | 03/13/2011 | RAO | 03/13/2012 | | A2 | Hazardous Material |
| 3-0033916 | MIDDLETON | 212 & 232 MAPLE STREET | GASOLINE STATION | | | 72 HR | 11/04/2016 | TIER 2 | 11/02/2017 | PHASE II | | Oil |
| 3-0004758 | MIDDLETON | 219 SOUTH MAIN ST | PRESCRIPTION TURF SERVICES | | | NONE | 07/13/1993 | RAO | 07/30/1997 | | A1 | Oil |
| 3-0004338 | MIDDLETON | 2-20 NORTH MAIN ST | COMMERCIAL PROPERTY | | | NONE | 07/15/1993 | WCSPRM | 12/28/1993 | | | Oil |
| 3-0016640 | MIDDLETON | 223 MAPLE ST | NO LOCATION AID | | | 72 HR | 03/27/1998 | RAO | 03/26/1999 | | A2 | Oil |
| 3-0001964 | MIDDLETON | 229 MAPLE ST | HOWES STATION MARKET | | | NONE | 01/15/1989 | PENNFA | 07/28/1995 | | | |
| 3-0010046 | MIDDLETON | 230 SOUTH MAIN ST | MARKET BASKET PARKING LOT | | | TWO HR | 10/09/1993 | RAO | 01/05/1994 | | A1 | Oil |
| 3-0012000 | MIDDLETON | 232 MAPLE ST | BOUCHARDS GETTY (ROUTE 62 WEST) | | | TWO HR | 12/24/1994 | RAO | 02/08/1995 | | A2 | Oil |
| 3-0001941 | MIDDLETON | 234 SOUTH MAIN ST | 114 IMPORTS INC | | | NONE | 01/15/1989 | RAO | 01/30/2004 | PHASE IV | A2 | Oil |
| 3-0006026 | MIDDLETON | 24 HILLDALE AVE | PROPERTY | | | NONE | 03/17/1994 | RAO | 07/19/2004 | PHASE II | A2 | Oil |
| 3-0004025 | MIDDLETON | 241 MAPLE ST | GETTY STATION | | | NONE | 07/15/1992 | RAO | 03/15/1996 | | A2 | |
| 3-0024457 | MIDDLETON | 265 SOUTH MAIN ST | PUMP N PANTRY MOBIL STA | | | 72 HR | 12/02/2004 | RTN CLOSED | 12/09/2005 | | | Hazardous Material |
| 3-0019335 | MIDDLETON | 265 SOUTH MAIN ST | MOBIL PUMP N PANTRY | | | 72 HR | 03/03/2000 | RTN CLOSED | 06/20/2001 | | | Hazardous Material |
| 3-0001505 | MIDDLETON | 265 SOUTH MAIN ST | PUMP N PANTRY/MOBIL STA | | | NONE | 09/15/1988 | PSNC | 03/20/2017 | PHASE V | PN | Oil |
| 3-0032560 | MIDDLETON | 272 NORTH MAIN STREET | RESIDENTIAL | | | 120 DY | 11/21/2014 | RTN CLOSED | 07/15/2015 | | | Hazardous Material |
| 3-0031505 | MIDDLETON | 272 NORTH MAIN STREET | RESIDENTIAL | | | 120 DY | 05/16/2013 | TIER 2 | 05/01/2014 | PHASE IV | | Hazardous Material |
| 3-0018950 | MIDDLETON | 29 MAIN ST | NO LOCATION AID | | | 120 DY | 11/10/1999 | RAO | 11/03/2000 | | A2 | Oil |
| 3-0016792 | MIDDLETON | 29 SOUTH MAIN ST | NO LOCATION AID | | | 120 DY | 05/06/1998 | RTN CLOSED | 04/20/1999 | | | Oil and Hazardous Material |
| 3-0014402 | MIDDLETON | 29 SOUTH MAIN ST | RICHDALES | | | TWO HR | 10/23/1996 | RAO | 01/03/2006 | | A2 | Oil |
| 3-0033247 | MIDDLETON | 295 MAIN STREET | NO LOCATION AID | | | TWO HR | 11/05/2015 | RTN CLOSED | 10/14/2016 | | | Hazardous Material |
| 3-0031499 | MIDDLETON | 295 NORTH MAIN ST | MUZICHUK GARAGE INC | | | 120 DY | 04/09/2013 | TIER 2 | 04/09/2014 | PHASE IV | | Oil and Hazardous Material |
| 3-0032559 | MIDDLETON | 295 NORTH MAIN STREET | MUZICHUK GARAGE, INC. | | | 120 DY | 11/21/2014 | RTN CLOSED | 07/15/2015 | | | Hazardous Material |
| 3-0018386 | MIDDLETON | 3 NICHOLS LN | NO LOCATION AID | | | 120 DY | 06/09/1999 | RAO | 05/19/2010 | | A1 | Oil and Hazardous Material |
| 3-0022987 | MIDDLETON | 30 LAKE ST | DANVERS WATER TREATMENT PLANT | | | TWO HR | 07/01/2003 | RAO | 09/03/2003 | | A1 | Hazardous Material |
| 3-0031498 | MIDDLETON | 328 NORTH MAIN ST | MUZZY WASIL REALTY TRUST | | | 120 DY | 04/09/2013 | TIER 2 | 04/09/2014 | PHASE IV | | Hazardous Material |
| 3-0032520 | MIDDLETON | 328 NORTH MAIN STREET | NO LOCATION AID | | | TWO HR | 11/05/2015 | RTN CLOSED | 10/14/2016 | | | |
| 3-0032558 | MIDDLETON | 328 NORTH MAIN STREET | MUZZY WASIL REALTY TRUST | | | 120 DY | 11/21/2014 | RTN CLOSED | 07/15/2015 | | | Hazardous Material |
| 3-0031260 | MIDDLETON | 37 WHITE CEDAR DRIVE | PAD-MOUNTED TRANSFORMER ABUTTING HOUSE | | | 120 DY | 12/03/2012 | RAO | 03/29/2013 | | A2 | Oil |
| 3-0003031 | MIDDLETON | 4 SOUTH MAIN ST | INTERSECTION OF RTE 114 AND RTE 62 | | | TWO HR | 05/27/2011 | RAO | 07/25/2011 | | A1 | Oil |
| 3-0019822 | MIDDLETON | 4 SOUTH MAIN ST | NO LOCATION AID | | | 120 DY | 08/01/2000 | RAO | 07/18/2003 | PHASE III | B1 | Oil and Hazardous Material |
| 3-0011778 | MIDDLETON | 4 SOUTH MAIN ST | EXXON R/S 3-0364--JCT RTE 114 & RTE 62 | | | 120 DY | 10/25/1994 | RAO | 11/07/1997 | PHASE III | A2 | Oil |
| 3-0033281 | MIDDLETON | 4 SOUTH MAIN STREET | CUMBERLAND FARMS, INC. | | | 120 DY | 11/23/2015 | PSNC | 11/22/2016 | PHASE II | PN | Hazardous Material |
| 3-0019243 | MIDDLETON | 60 RIVER ST | NO LOCATION AID | | | 120 DY | 02/04/2000 | RAO | 09/14/2000 | | A2 | Oil and Hazardous Material |
| 3-0020717 | MIDDLETON | 6-12 BIRCH RD | NO LOCATION AID | | | TWO HR | 05/18/2001 | TMPS | 08/05/2015 | | | Hazardous Material |
| 3-0016824 | MIDDLETON | 6-12 BIRCH RD | INDUSTRIAL PROPERTY | | | 120 DY | 05/21/1998 | PSC | 04/02/2018 | PHASE III | PA | Oil |
| 3-0034062 | MIDDLETON | 67 NORTH MAIN STREET | NO LOCATION AID | | | TWO HR | 01/23/2017 | TIER 2 | 01/22/2018 | PHASE II | | Hazardous Material |
| 3-0034265 | MIDDLETON | 7 NATSUE WAY | FORMER QUINN PARCELS | | | 120 DY | 06/21/2017 | RTN CLOSED | 06/22/2018 | | | Hazardous Material |
| 3-0020892 | MIDDLETON | 73 NORTH MAIN ST | QUARTER MILE NORTH OF 114 AND 62 | | | 72 HR | 07/09/2001 | RAO | 09/06/2001 | | A1 | Oil |
| 3-0001376 | MIDDLETON | 73 NORTH MAIN ST | MUZICHUKS GARAGE | | | NONE | 10/15/1989 | DEPNAFA | 04/03/1996 | | | |
| 3-0028590 | MIDDLETON | 8 ROCKAWAY RD | NO LOCATION AID | | | TWO HR | 06/29/2009 | RAO | 02/26/2010 | | A2 | Hazardous Material |
| 3-0010212 | MIDDLETON | 81 NORTH MAIN ST | INTERSECT OF N MAIN AND ESSEX ST | | | 72 HR | 11/22/1993 | RAO | 08/26/2011 | PHASE II | A2 | Oil and Hazardous Material |
| 3-0026608 | MIDDLETON | COLONY ACCESS RD | MIDDLETON COLONY BLDG #6 PWRHOUSE | | | 120 DY | 02/22/2007 | RAO | 11/03/2009 | PHASE II | | |
| 3-0030676 | MIDDLETON | FOREST STREET | EMERSON BROOK RESERVOIR | | | TWO HR | 03/06/2012 | RAO | 05/07/2012 | | A2 | Oil |
| 3-0018686 | MIDDLETON | IPSWICH RIV | NO LOCATION AID | | | TWO HR | 08/26/1999 | RAO | 12/08/1999 | | A1 | Oil |
| 3-0003205 | MIDDLETON | LOG BRIDGE RD | INDUSTRIAL PROPERTY | | | NONE | 10/15/1990 | WCSPRM | 03/26/1993 | | | |
| 3-0014371 | MIDDLETON | LONERGAN RD | NR DANVERS LINE/OFF RTE 114 | | | TWO HR | 10/21/1996 | RAO | 10/28/1999 | PHASE II | A2 | Oil |
| 3-0028409 | MIDDLETON | LOTS 6B AND 6C NATSUE WAY | LOTS 6B AND 6C, NATSUE WAY | | | 120 DY | 03/26/2009 | TMPS | 03/16/2016 | PHASE IV | TF | Hazardous Material |
| 3-0032221 | MIDDLETON | MEADOW DRIVE | ROADWAY SPILL ADJ 21&23 MEADOW DRIVE | | | TWO HR | 06/16/2014 | PSNC | 08/21/2014 | | PN | |
| 3-0026466 | MIDDLETON | MIDDLETON COLONY OFF GREGORY | LEE COTTAGE - BASEMENT | | | 120 DY | 12/11/2006 | RTN CLOSED | 03/10/2009 | | | Hazardous Material |
| 3-0033414 | MIDDLETON | NATSUE WAY | SOIL PILES | | | 120 DY | 02/10/2016 | RTN CLOSED | 02/17/2017 | PHASE II | | |
| 3-0015976 | MIDDLETON | NATSUE WAY | D L QUINN CO | | | 72 HR | 02/03/1998 | RAO | 01/08/2002 | PHASE IV | A2 | Oil and Hazardous Material |
| 3-0015046 | MIDDLETON | NORTH MAIN ST | ADJ DPW @ 195 NO MAIN | | | TWO HR | 04/28/1997 | RTN CLOSED | 12/30/2016 | | | Oil |
| 3-0004485 | MIDDLETON | NORTH MAIN ST ADJ 195 | VACANT LOT | | | NONE | 07/15/1993 | TIER 2 | 12/30/2016 | PHASE II | | Oil |
| 3-0020083 | MIDDLETON | RTE 114 | NO LOCATION AID | | | TWO HR | 10/31/2000 | RAO | 03/13/2002 | | A1 | |
| 3-0000168 | MIDDLETON | SCHOOL ST | ADHESIVES MANUFACTURER | | | NONE | 12/29/1986 | TIER1D | 04/26/1995 | | | Oil and Hazardous Material |
| 3-0001072 | MIDDLETON | SOUTH MAIN ST BOSTON ST | SENTER TRANSPORTATION CO | | | NONE | 10/15/1989 | DEPNAFA | 04/02/1996 | | | Oil |
| 3-0003624 | MIDDLETON | SOUTH MAIN ST LOG BRIDGE RD | COMMERCIAL PROPERTY | | | NONE | 07/15/1991 | RAO | 01/06/1998 | | A2 | Oil |

MASSACHUSETTS DEP OIL & HAZARDOUS MATERIAL INCIDENT REPORT
(circle or fill in all that apply)

Response Date: 6/25/92 Closed: Yes No SA #: _____ ER #: N92-0799
 Initial Office Follow-up Office Initial Field Follow-up Field 21E Notification Amended
 City/Town: Middleton Spill Name: BFI
 Address: RT 14 in front of 105 S Main St Reported: 6/25/92 Time: 10:35 AM PM
 Half Town: _____ Zip Code: _____ Occurred: 1/1/ Time: : AM/PM
 Notifier: Cathy (Name) Check if Anonymous (Affiliation) Middleton T.D. (Phone) (508) 774-2466

PRIMARY SPILL INFORMATION

Petroleum Hazardous Both Neither Unknown

Material: Hydraulic Oil Amount Reported: 10-15 Gallons Drums Cu Yds Lbs
 Virgin Waste Non-PCB PCB ppm Unknown Amount Actual: _____ Vapors Sheen None Unknown

Environmental Impact: SOIL AIR GROUNDWATER SURFACE WATER ZONE 2 WATER SUPPLY STORM DRAIN SCHOOL

OTHER: Pavement

Spill Source: U.S.T. A.S.T. TRANSFORMER VEHICLE FUEL TANK PIPE/HOSE/LINE
 BOAT DRUMS VEHICLE TANKER TRUCK UNKNOWN OTHER: Hydraulic line

Release Type: SPILL FIRE OVERFILL TANK REMOVAL TEST FAILURE VEHICLE ACCIDENT

RUPTURE LEAK DUMPING THREAT ONLY UNKNOWN OTHER: _____

Description: Ruptured Hydraulic line on BFI Container truck approx. 300 ft of impacted roadway. Spreader & sand spread. No C.B. imported T.D. Banned. Spoke to ERNIE STONE of BFI to informed me that oil released was a spray onto roadway. No similar C.B.'s imported. American Waste Oil down cleanup. Will transport spent spreader to BFI for pick up by CYN. No further E.R. warranted.
 Referral Within DEP: SA HW WS SW ACC WPC MM ENF/SF Staff: CASE CLOSED

State Contractor: Used: Not Used Federal L.U.S.T. Eligible: No Yes Category:

Further DEP Response: Yes No Pending Response Needed:

PRP INFORMATION

Name: BFI Cathy Company: Contact: ERNIE STONE
 Address: 385 DUNSTABLE Rd. Town: TYNGSBORO State: MA Zip: 01879
 Business Phone: (508) 649-7564 Home Phone: ()

NOR Issued: Verbal Field Office Date: 6/25/92 Responsibility Accepted: Yes No

PRP Contractor: Cyan Oil Contact: _____ Phone: ()

Noncompliance Issues: FOR DISPOSAL OF SPENT SPREADER

OTHER AGENCIES INVOLVED IN OR NOTIFIED OF INCIDENT

Agency: _____ Date: 1/1/ Time: : AM/PM

First Contact By: DEP OTHER AGENCY Phone: () - Contact: _____

Agency: _____ Date: 1/1/ Time: : AM/PM

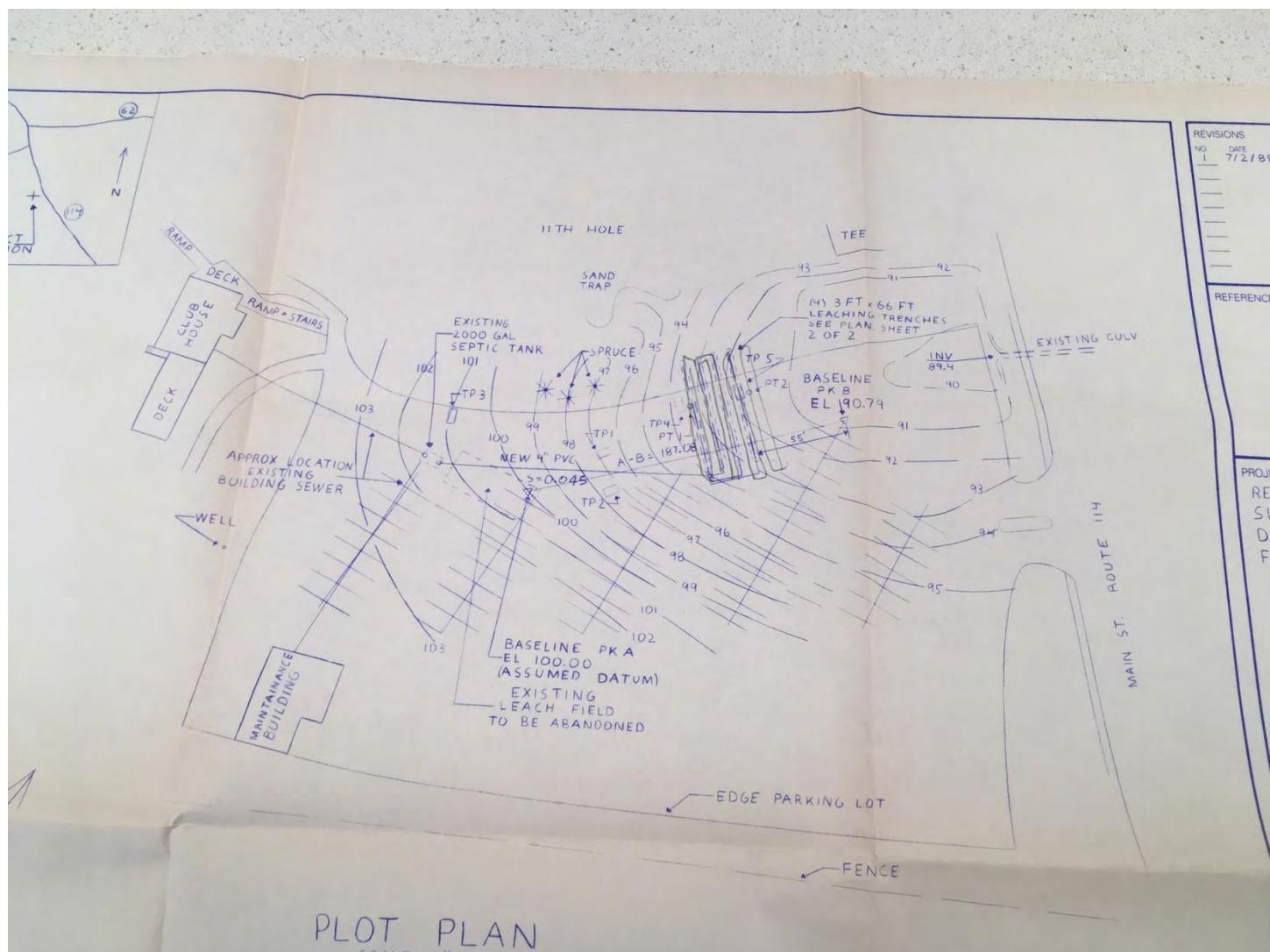
First Contact By: DEP OTHER AGENCY Phone: () - Contact: _____

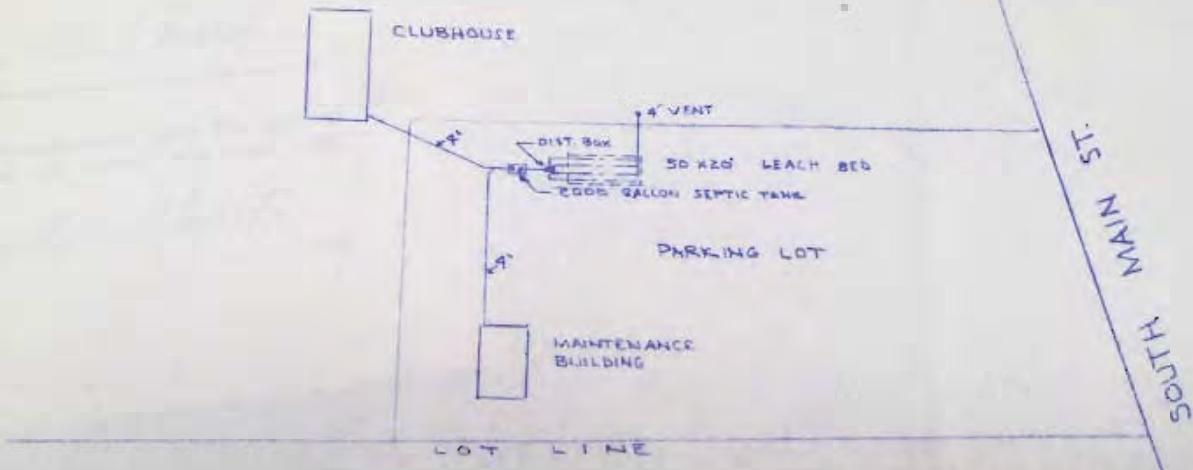
DEP Staff Notified: V. ARMSTRONG ER Lead: _____

Report Prepared By: V. ARMSTRONG Signature: Valerie Armstrong

APPENDIX E

APPENDIX E – Town Records





Part plan of land showing location of private sewage system

MIDDLETON GOLF CLUB
MIDDLETON MASS.



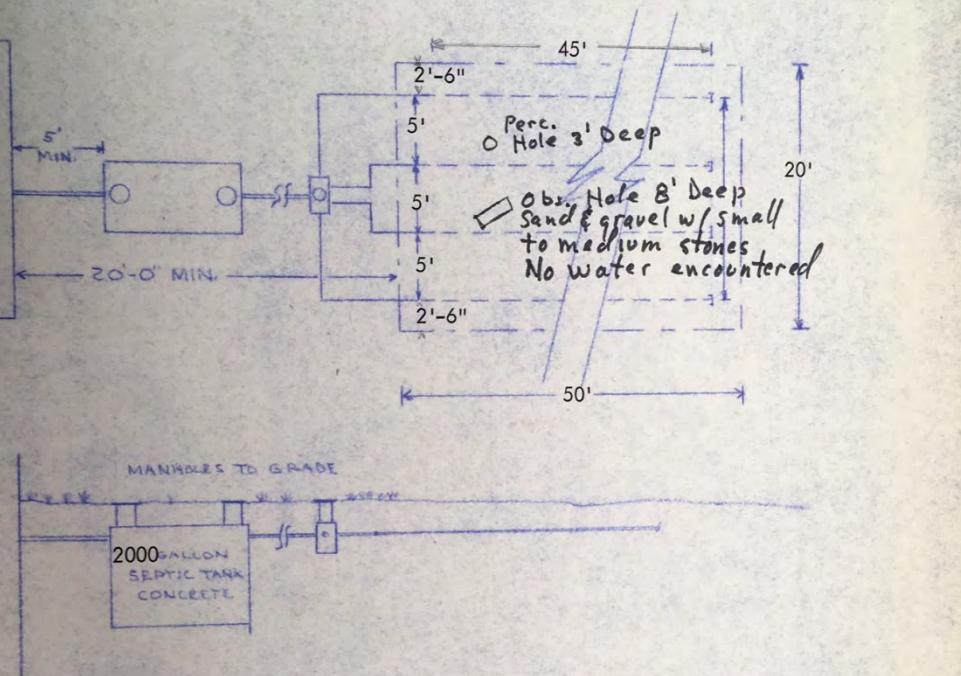
FRANK E. GALLAGHER ASSOCIATES
328 ESSEX ST. SALEM, MASS
CONSULTING ENGINEERS

FRANK E GALLAGHER

REGISTERED PROFESSIONAL ENGINEER

328 Essex Street

Salem, Mass.



Percolation rate: 1" in 13 minutes Date of test: Sept. 30, 1965

Owner: Middleton Golf Club

Address: South Main Street, Middleton

Building location: South Main Street

INSTALLATION: The installation of a private sewage system for this property shall comply with local and state regulations. In any case where there is no more stringent local regulation the state sanitary code shall be considered to be the minimum acceptable basis for design and installation.





TOWN OF MIDDLETON

Board of Health

Application for Permit for Sewage Disposal Works

Owner Middleton Golf Club Address Route 114 Middleton, Mass.
Contractor Address Acres
Location Route 114, Middleton Dwelling Other Type Building Club House & Maintenance Bldg
No. Bedrooms Auto. Washer Garbage Disposal Size Lot
Septic Tank Capacity 2000 Gals. Design Flow Total Gals. Per Day
Leach Trench No. Total Length Width Total Leach Area
Leach Bed No. Lines 4 Length 50' Width 20' Total Leach Area 1000 square feet
Leach Tank Capacity Gals. Depth to Ground Water
Percolation Test Results Performed By F.E. Gallagher, P.E. Date September 30, 1965
Test Pit #1 11 Min. Per Inch Depth Test Pit 3'-6"
Test Pit #2 10 Min. Per Inch Depth Test Pit 3'-0"
Description of Soil Gravel with trace of clay
Date Oct. 15, 1965 Applicant Signature *Frank E. Gallagher, P.E.*

Permission is hereby granted refused for the construction of the sewage disposal works as described above and in the accompanying plot plan. Construction or repair of any disposal works must conform to the standards set forth in Article XI of the State Sanitary Code.

Reason For Refusal
Building Inspector Health Inspector *L.A. Phillips*

Approved and approved as required under Article XI of the State Sanitary Code. The approval is not to be construed as a guarantee that the system will work satisfactorily.

DANVERS WATER DEPARTMENT LABORATORY
Vernon C. Russell Water Treatment Plant
Lake Street
Middleton, Massachusetts 01949

Director: Donald A. Bancroft

RESULTS OF BACTERIAL EXAMINATION

Sample Location: Middleton Golf Course

Date of Collection: 11-14-90

Time of Collection: 9:00 AM

Date of Receipt: 11-14-90

Date of Analysis: 11-14-90

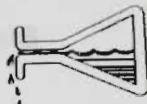
Bottle No.: 137

Collected By: Brian Hoyt

Laboratory Sample No.: 1206

* TOTAL COLIFORM MF: 0

L.H.



Stevens Water Analysis

Montvale Avenue • Stoneham, MA 02180 • Mass. (617) 438-6114 • Salem, N.H. (603) 893-3106

LABORATORY NUMBER: 167036 SAMPLE DATE: 5/19/87

SUBMITTED BY: MIDDLETON GOLF COURSE
105 South Main Street
Middleton, MA 01949 ATTN: Bart Brown

SAMPLE SOURCE: New Well by Club House/collected from pump

ANALYSIS: According to Standard Methods of Water and Wastewater Analysis, 15th Ed.

| | |
|--------------------------|---------------------|
| Total Coliform | 0 per 100 ml |
| Chlorides. | 16 mg/L |
| pH | 8.2 |
| Hardness | 66 mg/L |
| Manganese. | 0.09 mg/L |
| Sodium | 14 mg/L |
| Iron | 1.45 mg/L |
| Nitrate. | less than 0.10 mg/L |
| Nitrite. | less than 0.10 mg/L |

NOTE: The results of these analyses meet the required federal and state standards for drinking water. However, the iron and manganese concentrations exceed the recommended standards.

Although iron and manganese are not harmful to your health, they can affect the taste, color and odor of your water. Iron and manganese are frequently found at elevated levels in new wells; however, it is likely that the concentrations will decrease when the well is put into regular use.

MIL KFC

STEVENS WATER ANALYSIS

38 MONTVALE AVENUE
STONEHAM, MASS. 02180
Tel. (Stoneham) 617-438-6114
Tel. (Salem, N.H.) 603-893-3106

Interpretation of Test Results

COLIFORM
Coliform test is used to determine the possible presence of septic pollution and pathogenic organisms in water. The U.S. Public Health Service has established that the coliform concentration should not exceed 0 per 100 milliliters in public water supplies. An absence of coliform bacteria eliminates the possibility that septic pollution and pathogenic organisms are present in water.

HARDNESS

Waters are generally considered to be those waters that require considerable amounts of soap to produce a foam and that also produce scale in hot water pipes, heaters and boilers. Specifically, hardness is a measure of the calcium and magnesium concentration in water. These hardness minerals are responsible for ring and scale buildup in bathtubs and sink bowls and many other domestic problems. From an economic standpoint, hardness can increase water heating costs due to the scale build up in boilers and also increase detergent consumption. Waters are commonly classified in terms of the degree of hardness as follows:

| | |
|------------|-----------------|
| 15 mg/l | Soft |
| 100 mg/l | Moderately hard |
| 2-300 mg/l | Hard |
| 2 up. mg/l | Very hard |

Water with a pH of less than 7.0 is considered acidic. Water with a pH above 7.0 is considered alkaline or basic. A pH of 6.0 to 6.6 is moderately acid and may eventually corrode plumbing fixtures and water using appliances. A pH of 5.0 to 5.9 is considered very acidic and corrosion could be even more extensive.

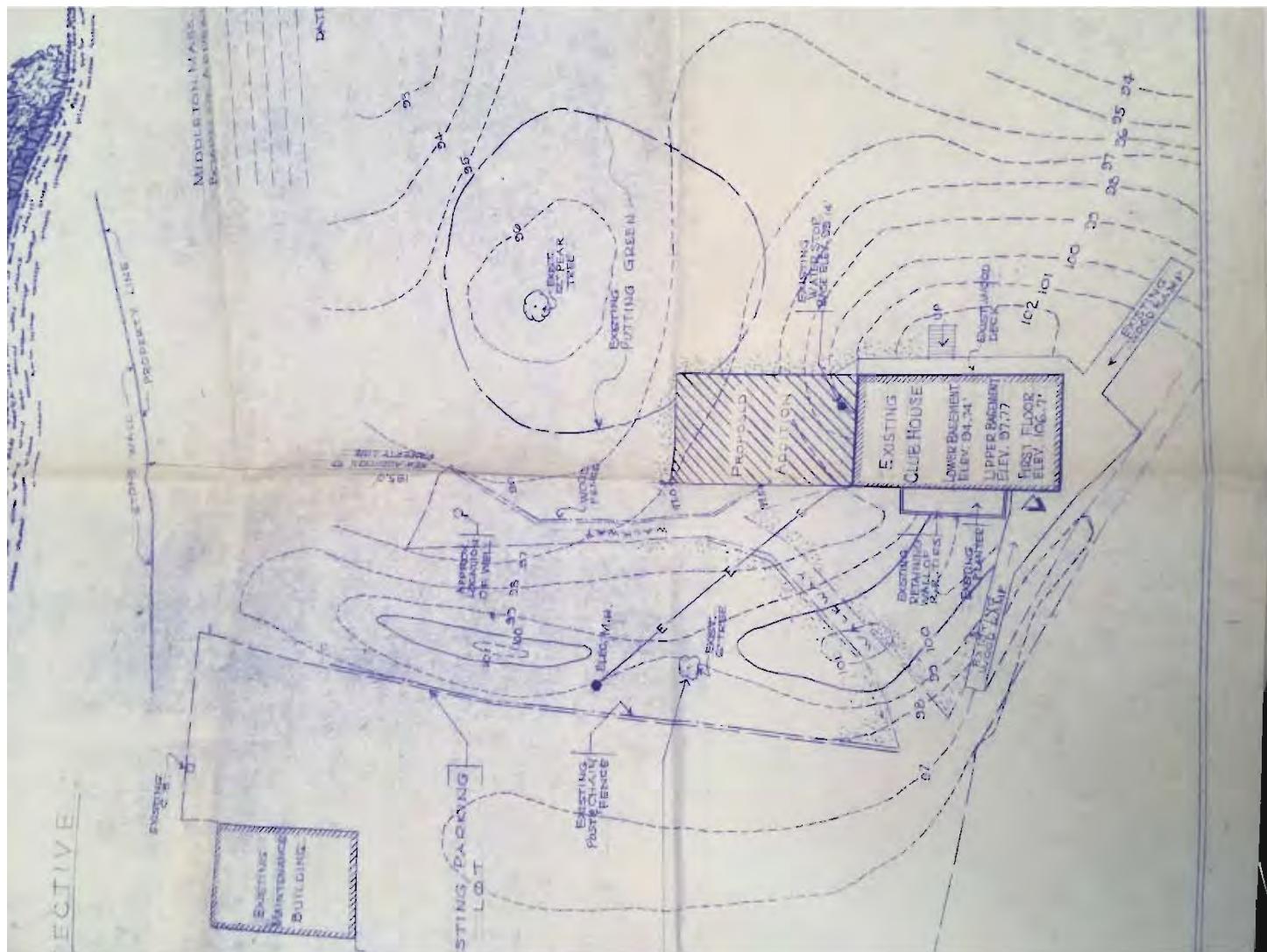
CHLORIDES

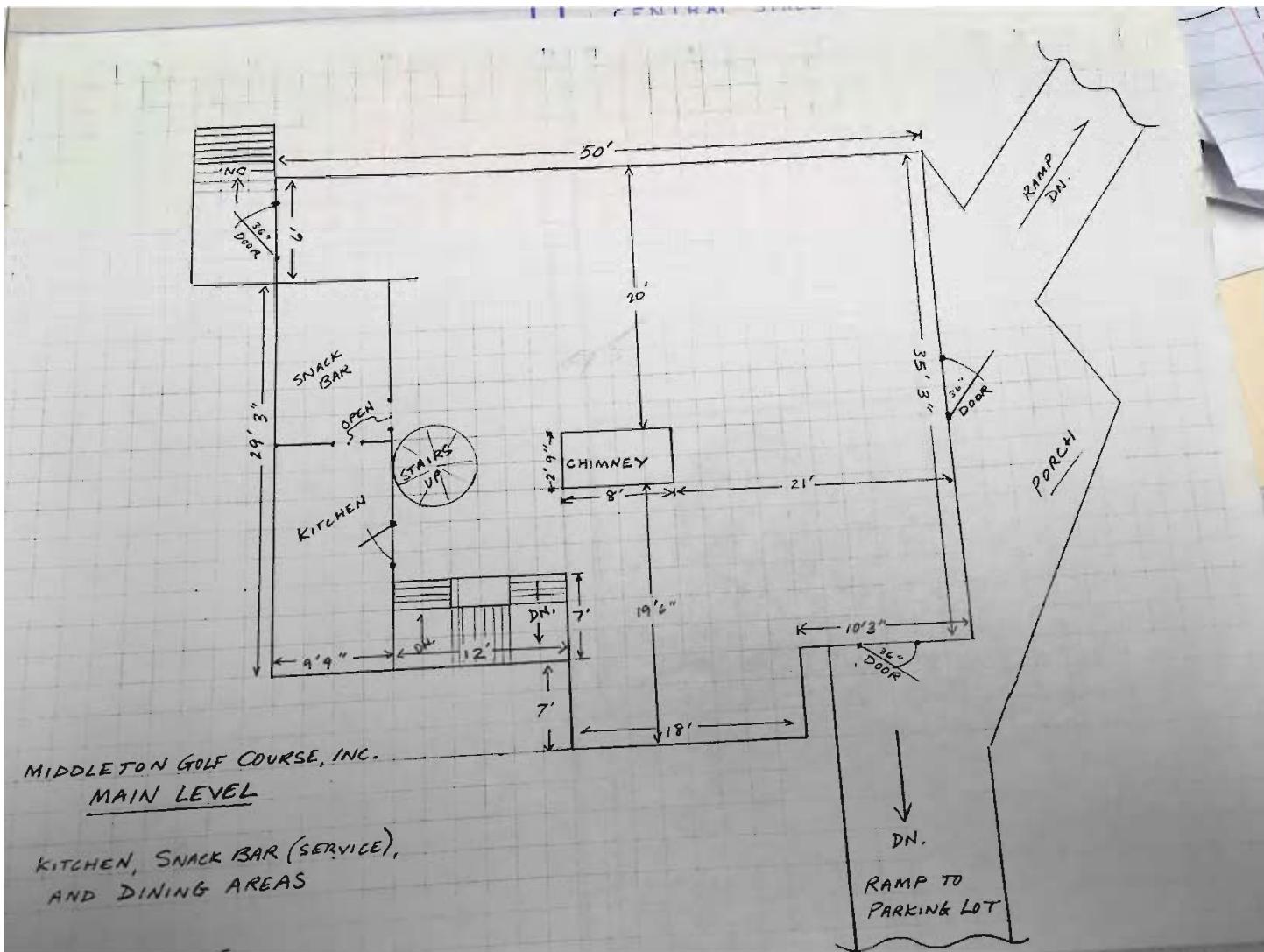
Chlorides in reasonable concentration are not harmful to humans. However, they can give a salty taste to water which is objectionable to many people. For this reason the U.S. Public Health Service recommends that chlorides be limited to 250 mg/l in supplies intended for public use. Salting of nearby highways is often the cause of high concentrations in water supplies.

IRON MANGANESE

Manganese can cause problems with staining during laundering operations, impart objectionable stains to fixtures, and cause difficulties in distribution systems by supporting growth of iron bacteria. Such water exposed to the air become turbid and highly unacceptable from the aesthetic viewpoint. Iron imparts a taste which is detectable at very low concentrations and can be very objectionable at higher concentrations. Iron can also change the taste and color of beverages and food. For these reasons the U.S. Public Health Service recommends that public water supplies should not contain more than 0.3 mg/l of iron or 0.05 mg/l of manganese.

Sodium in high concentrations can promote hypertension or high blood pressure in humans. Some individuals are more susceptible to the effects of sodium than others. The U.S. Public Health Service recommends that sodium be limited to 20 milligrams per liter in public water supplies.





June 21, 1965

Petition of May 27th
Alice M. Johnson

Mr. Lionel Barrows as representative of the Board of Appeals
states-

Pursuant to the permissive uses granted by the board to construct
and operate a golf course on South Main St., the following conditions
are made part of (and not a substitution for) those imposed by
the original grant.

1. The No. 1 tee shall be positioned (as shown on the plan
exhibited,) in excess of 100 ft. north of the stone wall representing
the boundary between your land and the Brigadoon development.
The fairway and Green shall run (westerly) at an angle away from
the wall.

2. All trees and foliage along the entire length of the
south wall will be kept intact. Should any openings occur for
whatever reason large enough to cause a hazard to the adjoining
residences, from soaring balls additional plantings or suitable
screening shall be installed.

Tree removal on the "west" end shall be minimal so as to
leave a dense natural screen between the course and those houses
which may be built along that portion of the Brigadoon development.

Maintain a maximum natural screen the full length of the
northern border so as to protect existing or future occupants in
this area.

Maintain a maximum natural screen, commensurate with safe
gress and egress to the parking area, along the full length of
the "east" side(along Rt. 114). Should there be a continuous hazard
to traffic on Rt. 114, from flying balls, additional protective
measures shall be taken.

Angle all fairways, as much as possible, away from the
boundaries to further minimize any danger to the abutters from
directed balls.

G.
Alice Johnson
Chair of Selectmen
Town Clerk
Planning Board
Chief of Police
Town Counsel
Building Inspector


Lionel Barrows

| TANK REMOVAL 2004 | | | | | | | |
|-------------------|---------------------|--------------------|-----|------|-------|-----|------------------------------------|
| 1 | EAST ST REALTY LLC | EAST ST | 45 | 500 | ABOVE | C-1 | 01/16/04 RALPH SURIANELLO INC |
| 2 | RTE 114 IMPORTS INC | SO MAIN ST | 234 | 275 | ABOVE | KSL | 02/04/04 SOMMER ENVIR |
| 3 | FLETCHER | ESSEX ST | 33 | 275 | ABOVE | WON | 02/18/04 REMOVAL SPECIALISTS |
| 4 | STENHOUSE | PLEASANT ST | 25 | 275 | ABOVE | C-1 | 02/19/04 REMOVAL SPECIALISTS |
| 5 | PRIME INVESTMENT | FOREST ST | 21 | 275 | ABOVE | FT | 03/29/04 H&S TANK CLEANING ONC |
| 6 | PRIME INVESTMENT | FOREST ST | 21 | 275 | ABOVE | FT | 03/29/04 H&S TANK CLEANING ONC |
| 7 | DIGIORIO | LIBERTY ST | 56 | 275 | ABOVE | FT | 03/29/04 REMOVAL SPECIALISTS |
| 8 | GNOZA | KENNEY RD | 15 | 1000 | UNDER | DL | 05/14/04 JAMES H CURRIER CONST |
| 9 | O'NEIL | ESSEX ST | 82 | 275 | ABOVE | FT | 05/27/04 H&S TANK CLEANING ONC |
| 10 | MADRUGA | CURTIS AVE | 7 | 275 | ABOVE | JB | 06/01/04 BOND TITE TANK SERVICE |
| 11 | GAGE | LIBERTY ST | 85 | 275 | ABOVE | JB | 06/01/04 REMOVAL SPECIALISTS |
| 12 | ALESTRI | RIVER ST | 125 | 275 | ABOVE | JB | 06/01/04 UNLIMITED REMOVAL |
| 13 | BAMPOF | MEADOWLARK FARM LN | 7 | 275 | ABOVE | FT | 07/26/04 H&S TANK CLEANING ONC |
| 14 | BAMPOF | MEADOWLARK FARM LN | 7 | 275 | ABOVE | FT | 07/26/04 H&S TANK CLEANING ONC |
| 15 | MORRISON | RANDALL RD | 8 | 275 | ABOVE | C-1 | 08/16/04 ATLANTIC TANK SERVICE INC |
| 16 | ALLEN | MILL ST | 20 | 275 | ABOVE | FT | 09/27/04 H&S TANK CLEANING ONC |
| 17 | MALONE | LAKE ST | 21 | 275 | ABOVE | JB | 10/07/04 REMOVAL SPECIALISTS |
| 18 | DISKES | RIVER ST | 65 | 1000 | UNDER | FT | 10/19/04 CURRIER CONST |
| 19 | FILOCHA | LIBERTY ST | 73 | 275 | ABOVE | JB | 11/18/04 REMOVAL SPECIALISTS |
| 20 | LUCIER | BELLEVUE AVE | 20 | 275 | ABOVE | DKL | 11/04/04 REMOVAL SPECIALISTS |
| 21 | HANNON | PLEASANT ST | 21 | 275 | ABOVE | FT | 11/30/04 HANNON |
| 22 | LENNOX | PLEASANT ST | 22 | 275 | ABOVE | KSL | 12/09/04 WOJCIK |
| 23 | D&S HOMES LLC | EAST ST | 85 | 500 | UNDER | FT | 12/09/04 CURRIER CONST |
| 24 | MIDDLETON GOLF | SO MAIN ST | 105 | 275 | ABOVE | C-1 | 12/21/04 HOLDEN OIL |

Fire Department record of tank removals

APPENDIX F

ASTM E1527-13 Questionnaire
Address: 93-105 South Main Street, Middleton, MA 01949

| | Observed
/Informed? | Y/N |
|---|------------------------|-----|
| 1a. Is the property used for an industrial use?
Description: | Observed | No |
| 1b. Is any adjoining property used for an industrial use?
Description: | Observed | No |
| 2a. Did you observe evidence or do you have any prior knowledge that the property has been used for an industrial use in the past?
Description: | Observed | No |
| 2b. Did you observe evidence or do you have any prior knowledge that any adjoining property has been used for an industrial use in the past?
Description: | Observed | No |
| 3a. Is the property used as a gasoline station, motor repair facility, commercial printing facility, dry cleaners, photo developing laboratory, junkyard or landfill, or as a waste treatment, storage, disposal, processing, or recycling facility (if applicable, identify which)?
Description: Maintenance of vehicle occurs in the garage | Observed | No |
| 3b. Is any adjoining property used as a gasoline station, motor repair facility, commercial printing facility, dry cleaners, photo developing laboratory, junkyard or landfill, or as a waste treatment, storage, disposal, processing, or recycling facility (if applicable, identify which)?
Description: | Observed | No |
| 4a. Did you observe evidence or do you have any prior knowledge that the property has been used as a gasoline station, motor repair facility, commercial printing facility, dry cleaners, photo developing laboratory, junkyard or landfill, or as a waste treatment, storage, disposal, processing, or recycling facility (if applicable, identify which)?
Description | Observed | No |
| 4b. Did you observe evidence or do you have any prior knowledge that any adjoining property has been used as a gasoline station, motor repair facility, commercial printing facility, dry cleaners, photo developing laboratory, junkyard or landfill, or as a waste treatment, storage, disposal, processing, or recycling facility (if applicable, identify which)?
Description: | Observed | No |
| 5a. Are there currently any damaged or discarded automotive or industrial batteries, pesticides, paints, or other chemicals in individual containers of >5 gal (19 L) in volume or 50 gal (190 L) in the aggregate, stored on or used at the property or at the facility?
Description: pesticides, herbicides, fertilizers, paints, oils and lubricants | Observed | Yes |

ASTM E1527-13 Questionnaire
Address: 93-105 South Main Street, Middleton, MA 01949

stored in the Maintenance Bldg.

5b. Did you observe evidence or do you have any prior knowledge that there have been previously any damaged or discarded automotive or industrial batteries, or pesticides, paints, or other chemicals in individual containers of >5 gal (19 L) in volume or 50 gal (190 L) in the aggregate, stored on or used at the property or at the facility?

Observed No

Description:

6a. Are there currently any industrial drums (typically 55 gal (208 L)) or sacks of chemicals located on the property or at the facility?

Observed Yes

Description: 2 drums of waste oil, one drum of lubricating oil
pesticides, herbicides, fertilizers stored in garage

6b. Did you observe evidence or do you have any prior knowledge that there have been previously any industrial drums (typically 55 gal (208 L)) or sacks of chemicals located on the property or at the facility?

Observed No

Description:

7a. Did you observe evidence or do you have any prior knowledge that fill dirt has been brought onto the property that originated from a contaminated site?

Observed No

Description:

7b. Did you observe evidence or do you have any prior knowledge that fill dirt has been brought onto the property that is of an unknown origin?

Observed No

Description:

8a. Are there currently any pits, ponds, or lagoons located on the property in connection with waste treatment or waste disposal?

Observed No

Description:

8b. Did you observe evidence or do you have any prior knowledge that there have been previously, any pits, ponds, or lagoons located on the property in connection with waste treatment or waste disposal?

Observed No

Description:

9a. Is there currently any stained soil on the property?

No

Description:

9b. Did you observe evidence or do you have any prior knowledge that there has been previously, any stained soil on the property?

Observed No

Description:

10a. Are there currently any registered or unregistered storage tanks (above or underground) located on the property?

Observed Yes

Description: 3 ASTs, 2 #2 fuel oil and one diesel

10b. Did you observe evidence or do you have any prior knowledge that there have been previously, any registered or unregistered storage tanks (above or underground) located on the property?

Observed Yes

Description: UST to the east of Clubhouse, removed over 20 years ago

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11a. Are there currently any vent pipes, fill pipes, or access ways indicating a fill pipe protruding from the ground on the property or adjacent to any structure located on the property? Observed No
Description:

11b. Did you observe evidence or do you have any prior knowledge that there have been previously, any vent pipes, fill pipes, or access ways indicating a fill pipe protruding from the ground on the property or adjacent to any structure located on the property? Observed No
Description:

12a. Is there currently evidence of leaks, spills or staining by substances other than water, or foul odors, associated with any flooring, drains, walls, ceilings, or exposed grounds on the property? Observed No
Description:

12b. Did you observe evidence or do you have any prior knowledge that there have been previously any leaks, spills, or staining by substances other than water, or foul odors, associated with any flooring drains, walls, ceilings or exposed grounds on the property? Observed No
Description:

13a. If the property is served by a private well or non-public water system, is there evidence or do you have prior knowledge that contaminants have been identified in the well or system that exceed guidelines applicable to the water system? Informed No
Description: 1,1 dichloroethane detected in 1993, 1995 but well below guidelines

13b. If the property is served by a private well or non-public water system, is there evidence or do you have prior knowledge that the well has been designated as contaminated by any government environmental/health agency? Informed No
Description: NA

14. Does the owner or occupant of the property have any knowledge of environmental liens or governmental notification relating to past or recurrent violations of environmental laws with respect to the property or any facility located on the property? Informed No

15a. Has the owner or occupant of the property been informed of the past existence of hazardous substances or petroleum products with respect to the property or any facility located on the property? Informed No
Description:

15b. Has the owner or occupant of the property been informed of the current existence of hazardous substances or petroleum products with respect to the property or any facility located on the property? Informed No
Description:

15c. Has the owner or occupant of the property been informed of the past existence of environmental violations with respect to the property or any facility located on the property? Informed No

ASTM E1527-13 Questionnaire
Address: 93-105 South Main Street, Middleton, MA 01949

Description:

15d. Has the owner or occupant of the property been informed of the current existence of environmental violations with respect to the property or any facility located on the property?

Informed No

Description:

16. Does the owner or occupant of the property have any knowledge of any environmental site assessment of the property or facility that indicated the presence of hazardous substances or petroleum products on, or contamination of, the property or recommended further assessment of the property?

Informed No

Description:

17. Does the owner or occupant of the property know of any past, threatened, or pending lawsuits or administrative proceedings concerning a release or threatened release of any hazardous substance or petroleum products involving the property by any owner or occupant of the property?

Informed No

Description:

18a. Does the property discharge waste-water (not including sanitary waste or storm water) onto or adjacent to the property and/or into a storm water system?

Observed No

Description:

18b. Does the property discharge waste water (not including sanitary waste or storm water) onto or adjacent to the property and/or into a sanitary sewer system?

Observed No

19. Did you observe evidence or do you have any prior knowledge that any hazardous substances or petroleum products, unidentified waste materials, tires, automotive or industrial batteries, or any other waste materials have been dumped above grade, buried and/or burned on the property?

Observed No

Description:

20. Is there a transformer, capacitor, or any hydraulic equipment for which there are any records indicating the presence of PCBs?

Observed No

Government Records/Historical Sources Inquiry

(See guide, Section 10)

21. Do any of the following federal, state, or tribal government record systems list the property or any property within the search distance noted below (where available):

| | Search Distance
miles (kilometres) | Y/N | # of Sites |
|---|---------------------------------------|-----|------------|
| Federal NPL site list | 1
1.6 | No | 0 |
| Federal Delisted NPL site list | 0.5
0.8 | No | 0 |
| Federal CERCLIS list | 0.5
0.8 | No | 0 |
| Federal CERCLIS NFRAP site list | 0.5
0.8 | No | 0 |
| Federal RCRA CORRACTS facilities list | 0.5
0.8 | No | 0 |
| Federal RCRA non-CORRACTS TSD Facilities list | 0.5
0.8 | No | 0 |
| Federal RCRA generators list | property and adjoinin | No | 0 |

ASTM E1527-13 Questionnaire
Address: 93-105 South Main Street, Middleton, MA 01949

| | | | |
|--|-----------------------|-----|-----|
| Federal institutional control/engineering control registries | property only | No | 0 |
| Federal ERNS list | property only | No | 0 |
| State and tribal lists of hazardous waste sites identified for investigation or remediation: | | | |
| State-and tribal-equivalent NPL | 1 | 1.6 | No |
| State-and tribal-equivalent CERCLIS | 0.5 | 0.8 | Yes |
| State-and tribal-landfill and/or solid waste disposal site lists | 0.5 | 0.8 | No |
| State-and tribal-leaking storage tank lists | 0.5 | 0.8 | No |
| State and tribal registered storage tank lists | property and adjoinin | | No |
| State and tribal institutional control/engineering control registries | property only | | No |
| State and tribal voluntary cleanup sites | 0.5 | 0.8 | No |
| State and tribal Brownfield sites | 0.5 | 0.8 | No |

22. Based upon a review of fire insurance maps (10.2.3) or local street directories (10.2.3), all as specified in the guide, are any buildings or other improvements on the property or on an adjoining property identified as having been used for an industrial use or uses likely to lead to contamination of the property?

Informed No

The Owner questionnaire answers were provided was completed by:

Name Steve Tricca
 Title General Manager
 Firm Middleton Golf Course
 Address 105 South Main St., Middleton MA

Phone number 978.774.4075
 Date 17-Jan-19
 Role(s) at the site General contractor
 Number of years at the site 46
 Relationship to user (for example, principal, employee, agent, consultant)

The Occupant questionnaire answers were provided by:

Name NA
 Title NA
 Firm NA
 Address NA

Phone number
 Date
 Role(s) at the site
 Number of years at the site
 Relationship to user (for example, principal, employee, agent, consultant)

ASTM E1527-13 Questionnaire

The Site Visit questionnaire was completed by:

Name Patricia Donahue
Title Environmental Professional
Firm Geological Field Services, Inc.
Address 14 Hubon St., Salem, MA 01970

Phone number 978-594-1376
Date 18-Jan-19
Relationship to site Environmental Professional
Relationship to user Environmental Professional

The Government Records and Historical Sources Inquiry questionnaire was completed by:

Name Patricia Donahue
Title Environmental Professional
Firm Geological Field Services, Inc.
Address 14 Hubon St., Salem, MA 01970

Phone number 978-594-1376
Date 18-Jan-19
Relationship to site Environmental Professional
Relationship to user Environmental Professional

If the preparer(s) is different from the user, complete the following:

Name of User Burce Haskell, Langdon Environmental Services LLC

User's address 2 Summer St., Natick, MA 01760

User's phone number

Copies of the completed questionnaires have been filed at: **GFS**

Copies of the completed questionnaires have been mailed or delivered to:

Bruce Haskell

Langdon Environmental Services, LLC

Preparer represents that to the best of the preparer's knowledge the above statements and facts are true and correct and to the best of the preparer's actual knowledge knowledge no material facts have been suppressed or misstated.

Signature _____ Date _____

Signature  Date 10-10-1988

Signature Date 18-Jan-19

It is the user's responsibility to draw conclusions regarding affirmative or unknown answers.